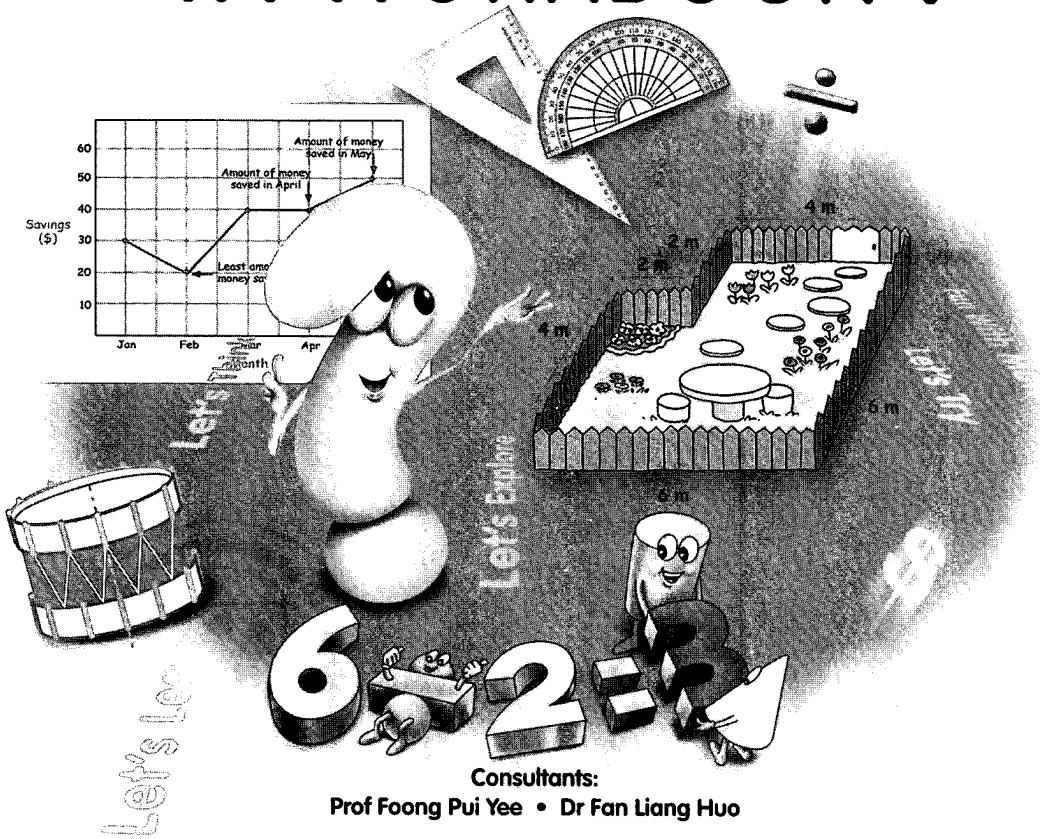
New Syllabus

Primary Mathematics

4A WORKBOOK 1



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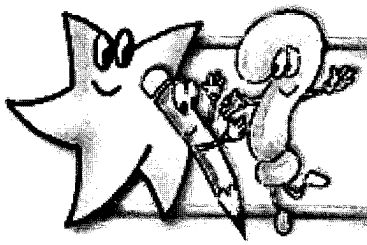


CONTENTS

1 Numbers to 100 000

WORKSHEET 1

Date: _____

Numbers Beyond 10 000

1. Express the following in numerals and words.

(a)

Ten Thousands	Thousands	Hundreds	Tens	Ones
10 000 10 000 10 000	1000 1000 1000	100	10 10 10 10	1 1 1 1 1

_____

_____

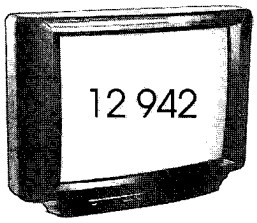
(b)

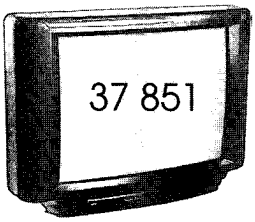
Ten Thousands	Thousands	Hundreds	Tens	Ones
10 000 10 000 10 000	1000	100 100 100 100 100 100	10 10	1 1 1 1 1 1 1 1

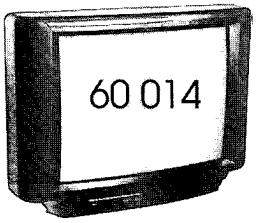
_____

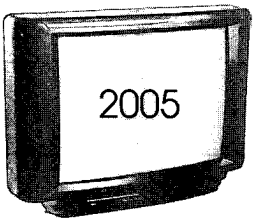
_____

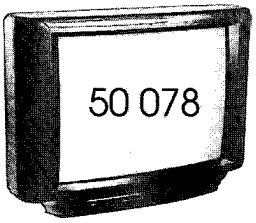
2. Write the following in words.

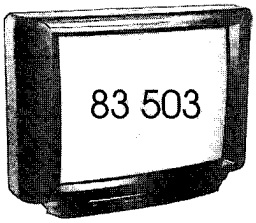
(a) 

(b) 

(c) 

(d) 

(e) 

(f) 

3. Write the following in numerals.

(a) Nineteen thousand, eight hundred and seventy-two

(b) Twenty-six thousand, five hundred and eighteen

(c) Seventy-nine thousand, four hundred and twenty-one

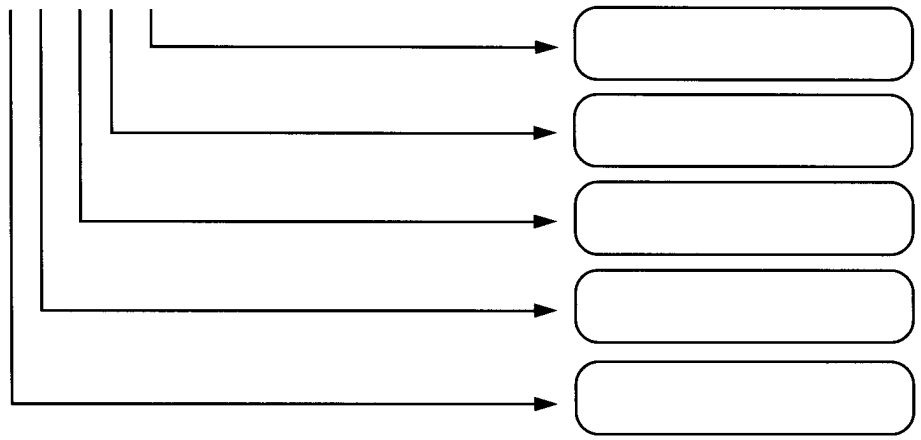
(d) Five thousand, seven hundred and twenty

(e) Twenty-one thousand, two hundred and five

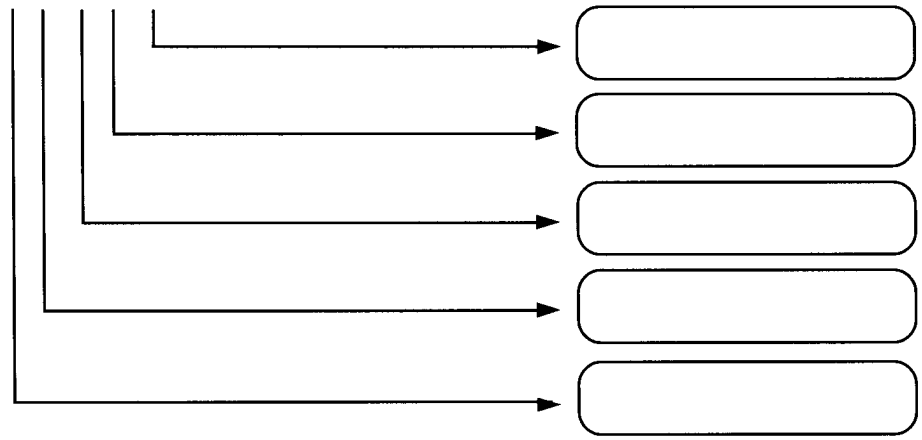
(f) Eighty-five thousand, five hundred and fifteen

4. What does each of the following digits stand for?

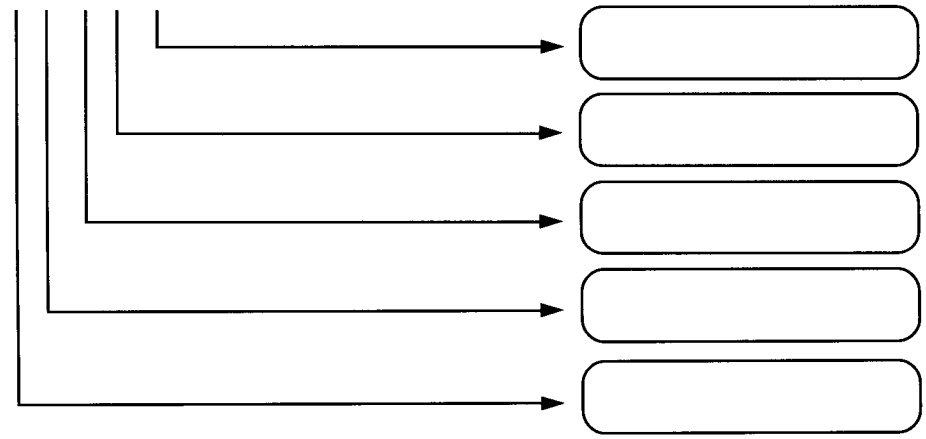
(a) 5 4 6 8 2



(b) 7 6 0 2 9



(c) 3 9 6 8 7



5. Fill in the missing numbers.

(a) 85 706 = ☐ + 5000 + 700 + 6

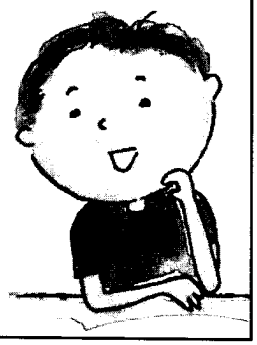
(b) 23 094 = 20 000 + ☐ + 90 + 4

(c) 28 675 = 20 000 + 8000 + ☐ + 70 + 5

(d) 39 654 = 30 000 + 9000 + 600 + ☐ + 4

(e) 47 903 = 40 000 + 7000 + 900 + ☐

(f) ☐ = 60 000 + 7000 + 500 + 20 + 7



WORKSHEET 2 Date:

Comparing and Ordering Numbers

1. Circle the smaller number in each of the following pairs of numbers.

(a) 32 010 29 899

(b) 30 207 31 971

(c) 19 657 19 658

(d) 73 670 73 669

2. Circle the larger number in each of the following pairs of numbers.

(a) 56 795 56 732

(b) 83 515 79 782

(c) 39 269 40 320

(d) 59 326 59 826

3. Circle the largest number in each of the following groups of numbers.

(a) 15 395 19 365 48 304

(b) 12 564 21 543 21 534

(c) 3012 20 003 29 310

(d) 12 975 4866 6860

4. Circle the smallest number in each of the following groups of numbers.

(a) 32 156 34 175 24 300

(b) 67 115 87 200 73 111

(c) 47 900 47 899 59 000

(d) 3540 2789 17 050

5. Arrange each of the following groups of numbers in decreasing order.

(a) 69 480 64 980 68 940 69 840

(b) 26 937 27 936 27 396 28 001

6. Arrange each of the following groups of numbers in increasing order.

(a) 14 936 14 369 14 396 14 963

(b) 58 497 58 479 59 807 59 798

7. Complete the following number patterns.

(a) 97 420 , 97 440 , 97 460 , 97 480 , ____

(b) ____ , 12 785 , 11 785 , 10 785 , 9785

(c) 31 277 , 41 277 , ____ , 61 277 , 71 277

(d) 80 250 , 60 250 , 40 250 , 20 250 , ____

(e) 68 335 , 67 335 , ____ , 65 335 , 64 335

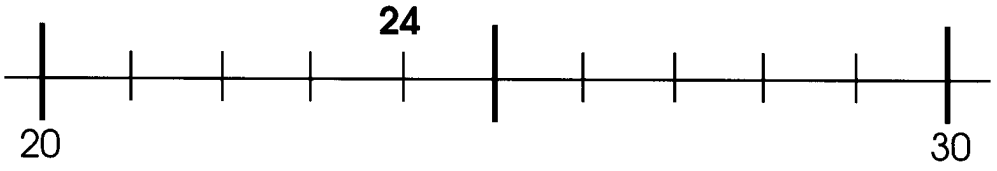
WORKSheet 3

Date: _____

Rounding Off to the Nearest Ten

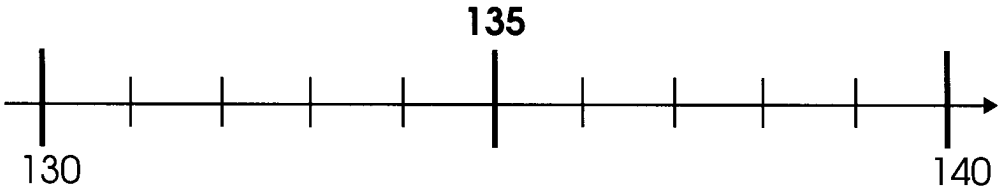
1. Fill in the blanks.

(a)



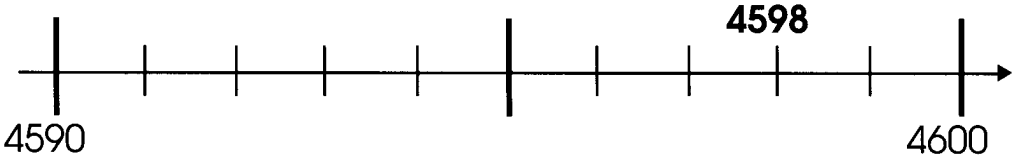
24 is _____ when rounded off to the nearest ten.

(b)



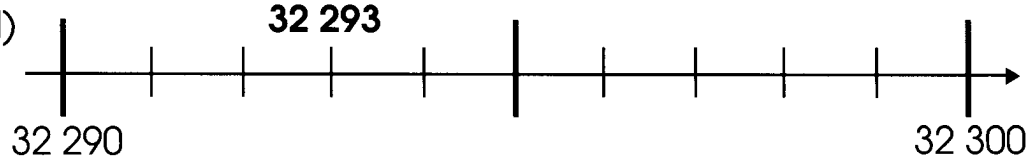
135 is _____ when rounded off to the nearest ten.

(c)



4598 is _____ when rounded off to the nearest ten.

(d)



32 293 is _____ when rounded off to the nearest ten.

2. The number of children who visited a zoo over a period of one week is shown below. Round off the numbers to the nearest ten.

Days of the week	Number of visitors	Rounded off to the nearest ten
Monday	853	
Tuesday	1007	
Wednesday	452	
Thursday	998	
Friday	315	
Saturday	1983	
Sunday	2017	

3. Round off each number to the nearest ten before adding or subtracting.

(a) $23 + 18 \approx$ ☐ + ☐

$=$ ☐

(b) $46 + 98 \approx$ ☐ + ☐

$=$ ☐

(c) $685 + 256 \approx$ ☐ + ☐

$=$ ☐

(d) $356 + 362 \approx$ ☐ + ☐

$=$ ☐

(e) 187 − 138 ≈ ☐ − ☐

= ☐

(f) 365 − 193 ≈ ☐ − ☐

= ☐

(g) 975 − 456 ≈ ☐ − ☐

= ☐

(h) 786 − 679 ≈ ☐ − ☐

= ☐

4. There are 345 English books and 204 Chinese books in a class library. Estimate the total number of English and Chinese books in the class library by first rounding off each number to the nearest ten.

5. John has $495. Mary has $297 less than John. How much money does Mary have? Check your answer by first rounding off the numbers to the nearest ten.

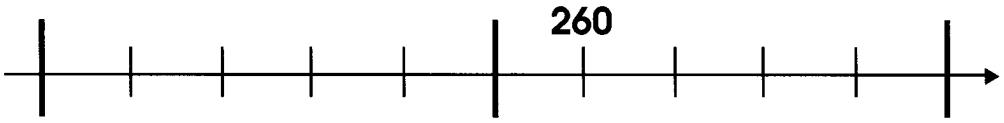
WORKSHEET 4

Date: _____

Rounding Off to the Nearest Hundred

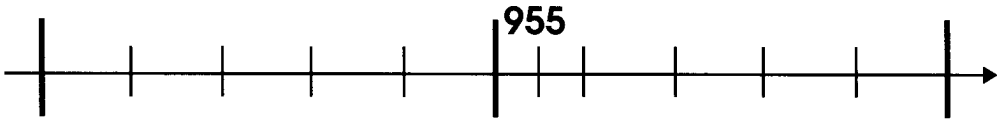
1. Fill in the blanks.

(a)



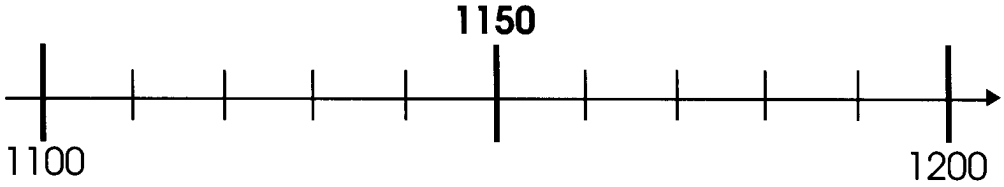
260 is _____ when rounded off to the nearest hundred.

(b)



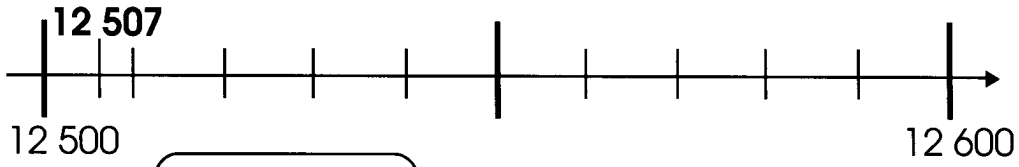
955 is _____ when rounded off to the nearest hundred.

(c)



1150 is _____ when rounded off to the nearest hundred.

(d)



12 507 is _____ when rounded off to the nearest hundred.

2. Round off each of the numbers to the nearest hundred.

(a) 474 ≈ ____

(b) 31 148 ≈ ____

(c) 19 950 ≈ ____

(d) 2009 ≈ ____

(e) 49 649 ≈ ____

(f) 36 081 ≈ ____

(g) 29 865 ≈ ____

3. Estimate the following by first rounding off each number to the nearest hundred.

(a) 157 + 328 ≈ ☐ + ☐

= ☐

(b) 4285 + 6451 ≈ ☐ + ☐

= ☐

(c) 6749 + 7685 ≈ ☐ + ☐

= ☐

(d) 1137 + 6848 ≈ ☐ + ☐

= ☐

(e) 5309 - 2147 ≈ ☐ - ☐

= ☐

(f) 9302 - 1517 ≈ ☐ - ☐

= ☐

(g) 3951 - 2568 ≈ ☐ - ☐

= ☐

(h) 9537 - 847 ≈ ☐ - ☐

= ☐

4. John's computer costs $589. Joy's computer costs 4 times as much. Round off the amount $589 to the nearest hundred and estimate the cost of Joy's computer.

5. There are 3954 female students and 5747 male students in a college. What is the total number of students in the college? Check your answer by first rounding off the numbers to the nearest hundred.

WORKsheet 5

Date:

Factors

1. Find all the factors of each of the following numbers.

(a) 14

The factors of 14 are

(b) 27

The factors of 27 are

(c) 34

The factors of 34 are

(d) 45

The factors of 45 are

(e) 50

The factors of 50 are

(f) 56

The factors of 56 are

2. Find the common factors of each of the following pairs of numbers.

(a) 45 and 36

The common factors of 45 and 36 are

(b) 48 and 64

The common factors of 48 and 64 are

(c) 98 and 72

The common factors of 98 and 72 are

WORKSHEET 6

Multiples

Date:

1. List the first 12 multiples of the numbers below.

(a)

(b)

(c)

2. Fill in the blanks.

(a) Multiples of 3: 3, 6, 9, 12, 15, 18, 21, 24, ...

Multiples of 4: 4, 8, 12, 16, 20, 24, 28, ...

The first two common multiples of 3 and 4 are

_____ and _____.

(b) Multiples of 5: _____

Multiples of 6: _____

The first two common multiples of 5 and 6 are

_____ and _____.

(c) Multiples of 3: _____

Multiples of 5: _____

The first two common multiples of 3 and 5 are

_____ and _____.

3. Find the first 2 common multiples of the following pairs of numbers.

(a) 2 and 6

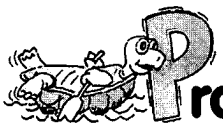
The first 2 common multiples of 2 and 6 are ☐ and ☐.

(b) 3 and 9

The first 2 common multiples of 3 and 9 are ☐ and ☐.

(c) 4 and 5

The first 2 common multiples of 4 and 5 are ☐ and ☐.



Practice 1

Date:

1. Write thirty-five thousand and sixty in numerals.

2. Write 60 002 in words.

3. 82 194 = 80 000 + ____ + 100 + 90 + 4

4. 60 000 + 7000 + 900 + 4 = ____

5. Arrange the numbers in increasing order.

23 073, 23 800, 24 009, 21 347

6. Arrange the numbers in decreasing order.

40 708, 40 807, 40 780, 40 870

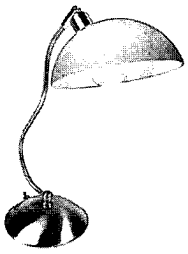
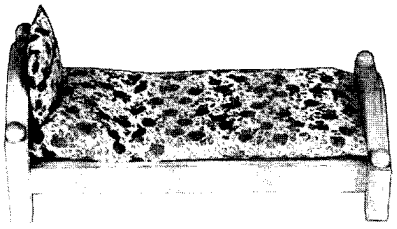
7. Write down the factors of 100.

The factors of 100 are :

8. Find the first two common multiples of 6 and 8.

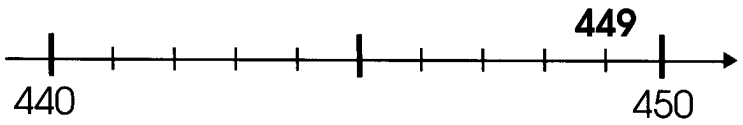
The first two common multiples of 6 and 8 are ☐ and ☐.

9. Round off the prices of the items shown below to the nearest $10.

Items	Actual price	Rounded off to the nearest $10
 Frying pan	**$63**	
 Table Lamp	**$16**	
 Bed	**$168**	

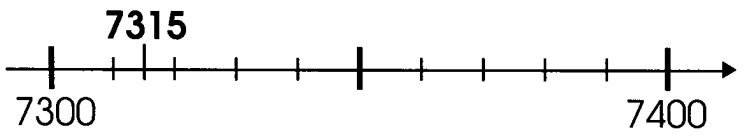
10. Fill in the blanks below.

(a)



449 is ☐ when rounded off to the nearest ten.

(b)



7315 is ☐ when rounded off to the nearest hundred.

11. Round off each number to the nearest hundred and estimate the value of each of the following:

(a) 345 + 789 ≈ ☐ + ☐

= ☐

(b) 2897 + 953 ≈ ☐ + ☐

= ☐

2 Multiplication and Division

WORKSHEET 7

Date:

Multiplying by a 1-digit Number

1. Do the following sums and show your workings clearly.

(a) 2815 × 3 =

$$\begin{array}{r} 2815 \\ \times \quad 3 \\ \hline \end{array}$$

(b) 1498 × 4 =

$$\begin{array}{r} 1498 \\ \times \quad 4 \\ \hline \end{array}$$

(c) 1785 × 6 =

$$\begin{array}{r} 1785 \\ \times \quad 6 \\ \hline \end{array}$$

(d) 2893 × 7 =

$$\begin{array}{r} 2893 \\ \times \quad 7 \\ \hline \end{array}$$

(e) 3675 × 8 =

$$\begin{array}{r} 3675 \\ \times \quad 8 \\ \hline \end{array}$$

(f) 5369 × 5 =

$$\begin{array}{r} 5369 \\ \times \quad 5 \\ \hline \end{array}$$

2. Estimate and then calculate.

(a) $2950 \approx$ ☐ (round off to the nearest hundred)

$2950 \times 7 \approx$ ☐ $\times 7$

$=$ ☐

$2950 \times 7 =$ ☐

$$\begin{array}{r} 2950 \\ \times \quad 7 \\ \hline \end{array}$$

(b) $4206 \approx$ ☐ (round off to the nearest hundred)

$4206 \times 5 \approx$ ☐ $\times 5$

$=$ ☐

$4206 \times 5 =$ ☐

$$\begin{array}{r} 4206 \\ \times \quad 5 \\ \hline \end{array}$$

WORKSHEET 8

Date:

Multiplying by Tens

1. Do the following.

(a) 24 × 10 =

(b) 315 × 10 =

(c) 272 × 10 =

(d) 906 × 10 =

(e) 700 × 10 =

2. Do the following.

(a) 69 × 20 =

(b) 825 × 60 =

(c) 936 × 30 =

(d) 329 × 70 =

(e) 437 × 50 =

WORKSHEET 9

Date:

Multiplying by a 2-digit Number

1. Do the following.

(a) $\begin{array}{r} 216 \\ \times\ 15 \\ \hline \end{array}$	(b) $\begin{array}{r} 396 \\ \times\ 24 \\ \hline \end{array}$
(c) $\begin{array}{r} 576 \\ \times\ 38 \\ \hline \end{array}$	(d) $\begin{array}{r} 938 \\ \times\ 47 \\ \hline \end{array}$

2. Estimate and then calculate.

(a) 315 ≈ ☐ (round off to the nearest hundred)

43 ≈ ☐ (round off to the nearest ten)

315 × 43 ≈ ☐ × ☐

= ☐

315 × 43 = ☐

$$\begin{array}{r} 315 \\ \times\ 43 \\ \hline \end{array}$$

(b) 428 ≈ ☐ (round off to the nearest hundred)

64 ≈ ☐ (round off to the nearest ten)

428 × 64 ≈ ☐ × ☐

= ☐

428 × 64 = ☐

$$\begin{array}{r} 428 \\ \times\ 64 \\ \hline \end{array}$$

Do the following sums and show your workings clearly.

3. A fruitseller packed 120 apples in a box. He had 36 boxes. How many apples did he have?

4. For a class party, Joshua's mother bought 164 packets of biscuits. There were 20 biscuits in a packet. How many biscuits were there altogether?

5. During the national-day carnival, Corrine and her friends baked 350 boxes of muffins. They put 12 muffins into each box. How many muffins did Corrine and her friends bake?

WORKSHEET 10

Date: _____

Dividing by a 1-digit Number

1. Do the following and show your workings clearly.

(a) 477 ÷ 3 = $3\overline{)477}$

(b) 3895 ÷ 5 = $5\overline{)3895}$

(c) 6321 ÷ 7 = $7\overline{)6321}$

(d) 7290 ÷ 9 = $9\overline{)7290}$

2. Do the following and find the quotients and remainders.

(a) $4326 \div 4 =$

$4\overline{)4326}$

The quotient is ☐ and the remainder is ☐.

(b) $8469 \div 7 =$

$7\overline{)8469}$

The quotient is ☐ and the remainder is ☐.

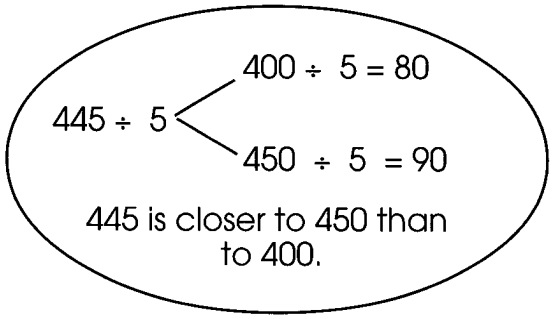
3. Estimate and then calculate.

(a) $445 \approx$ ☐

$445 \div 5 \approx$ ☐ $\div 5$

$=$ ☐

$445 \div 5 =$ ☐



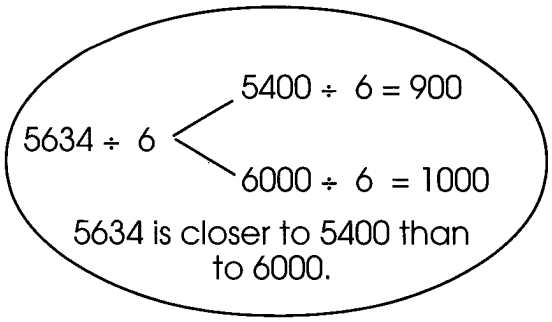
$5\overline{)445}$

(b) $5634 \approx$ ☐

$5634 \div 6 \approx$ ☐ $\div 6$

$=$ ☐

$5634 \div 6 =$ ☐



$6\overline{)5634}$

4. The product of two numbers is 1832. If the smaller number is 8, find the bigger number.

5. A 9870-seat multiplex is divided into 6 theatres each of equal seating capacity. How many seats are there in each theatre?

WORKSHEET 11

Date:

Word Problems (1)

1. Joyce made 5 times as many chicken curry puffs as sardine curry puffs. There were 2390 chicken curry puffs. What was the number of curry puffs made?

2. 7800 people visited an art exhibition. There were twice as many adults as children. How many adults were there?

3. After selling 6120 cookies at a fun fair, Mrs Wong had 8 jars of cookies left. If each jar had 120 cookies in it, how many cookies were there at the beginning?

4. There were 6048 pencils. They were placed equally in 9 bags and 3 of the bags were sold. How many pencils were not sold?

5. Janet earns $2400 a month. She spends twice as much as what she saves every month. How much does she spend in 6 months?

6. Sam paid $135 for 2 boxes of apples and 3 boxes of mangoes. Jack paid $110 for 2 boxes of apples and 2 boxes of mangoes. How much did 2 boxes of apples cost?

WORKSHEET 12

Date:

Word Problems (2)

1. In a charity party, 125 people who attended the party donated $50 each and 45 people donated $80 each. What was the total amount of money collected?

2. Siti and Fatimah had 126 beads each. Jane had seven times as many beads as Siti. What was the total number of beads the 3 children had altogether?

3. Mary and Peter had a total of $480. After Peter spent $20, he had 3 times as much as Mary. How much did Mary have?

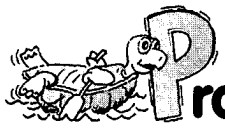
4. A bookshop owner bought 926 pencils. He packed them into packets of 4.

(a) How many pencils would remain after the packing?

(b) How many pencils did he sell if he sold 137 packets?

5. John has 5 times as much money as Bryan. If John gives $64 to Bryan, they will have the same amount of money. How much money does John have at first?

6. Serene has two times as many paper clips as Leo. After giving Leo 25 paper clips, they will have the same number of paper clips. How many paper clips do they have altogether?



Practice 2

Date:

1. Do the following and show your workings clearly.

(a) $2678 \times 9 =$

(b) $4637 \times 4 =$

(c) $261 \times 50 =$

(d) $135 \times 29 =$

(e) $942 \div 6 =$

(f) $1876 \div 7 =$

2. Do the following.

(a) $642 \times 10 =$ ☐

(b) $709 \times 10 =$ ☐

3. The mass of 3 dictionaries and 2 textbooks is 8 kg.
The mass of 3 dictionaries and 3 textbooks is 9 kg.
Find the mass of 5 textbooks.

4. A florist bought 1375 stalks of roses. She packed them into bouquets of fours.

(a) How many bouquets of roses would she have?

(b) How many roses would be left over?

5. Lucy made 1268 paper cranes. Joan made twice as many paper cranes as Lucy. How many paper cranes must Joan give to Lucy so that they would have the same number of paper cranes?

3 Fractions (I)

WORKSHEET 13

Date:

Mixed Numbers and Improper Fractions

1. Write each expression as a mixed number.

(a) 2 wholes and 4 sevenths .....

(b) 3 wholes and 2 fifths .....

(c) 2 wholes and 5 sixths .....

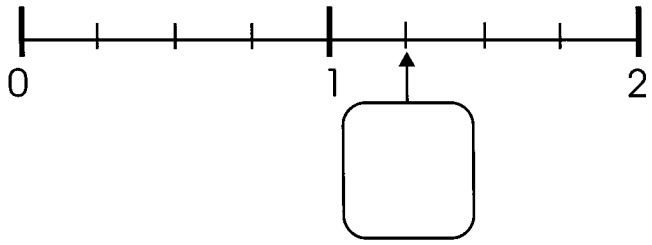
(d) 5 wholes and 1 sixth .....

(e) 4 wholes and 3 sevenths .....

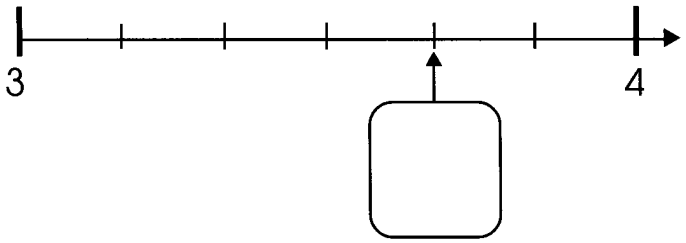
(f) 1 whole and 2 ninths .....

2. Write the mixed numbers in the boxes provided.

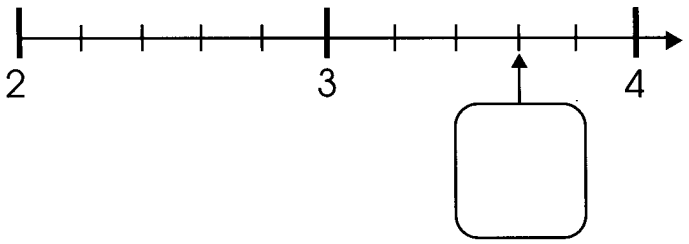
(a)



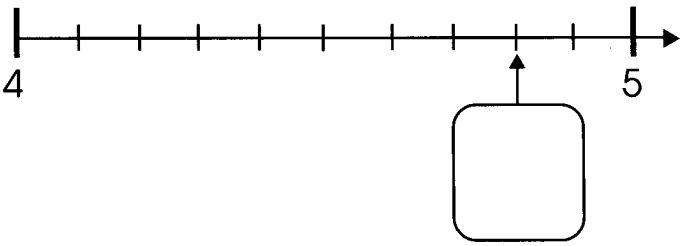
(b)



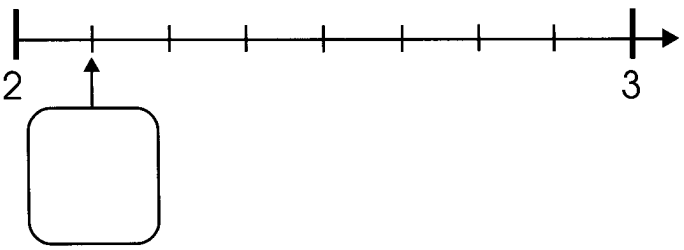
(c)



(d)

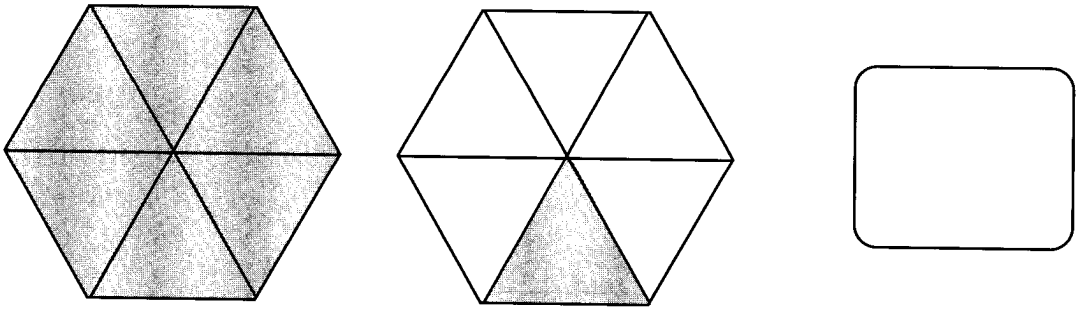


(e)

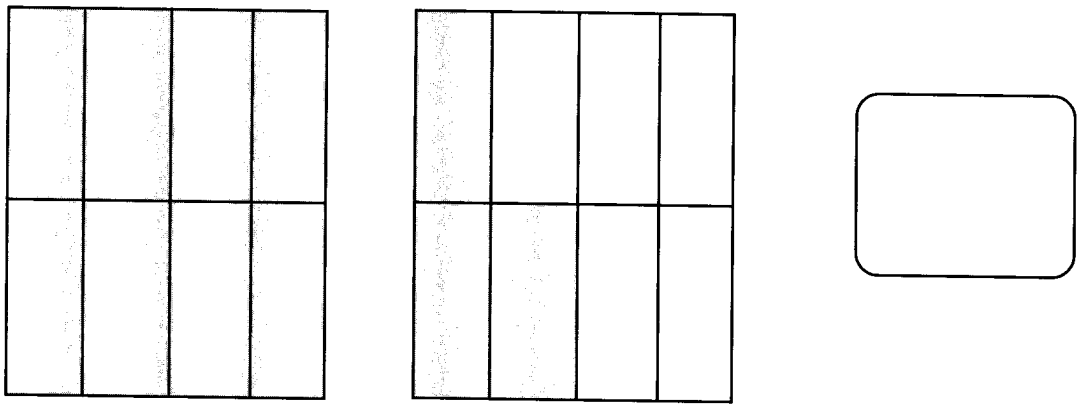


3. Look at the shaded parts and express the following as an improper fraction.

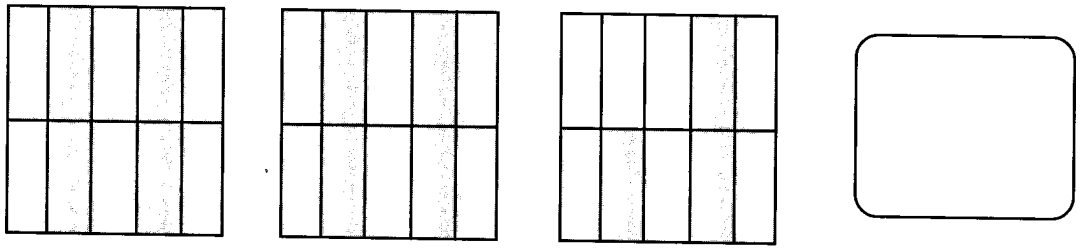
(a)



(b)

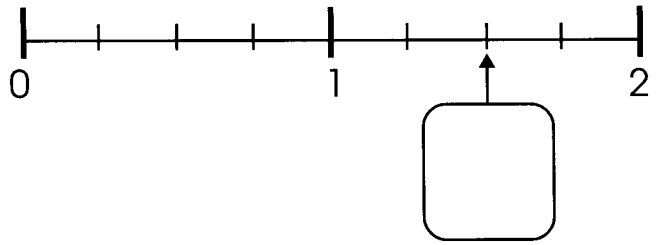


(c)

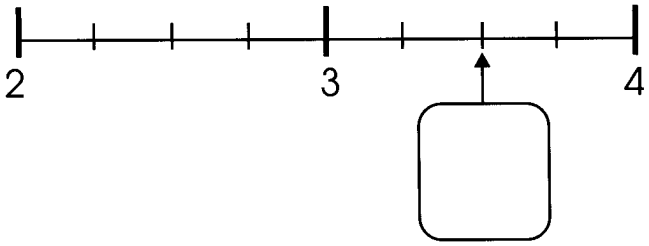


4. Write the improper fractions in the boxes provided.

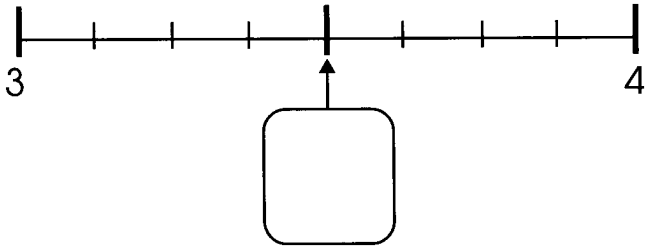
(a)



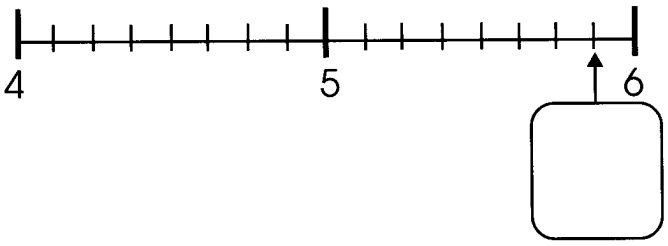
(b)



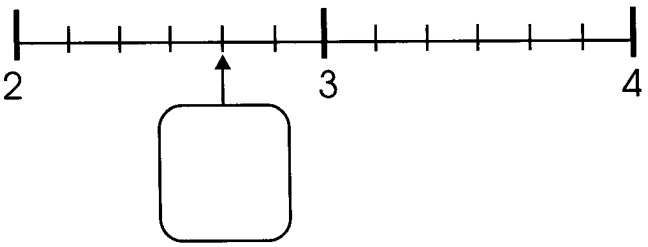
(c)



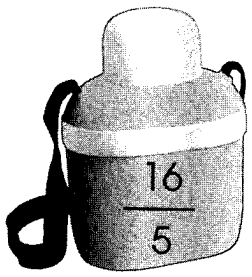
(d)



(e)



5. Express each improper fraction as a mixed number in its simplest form.

(a) 

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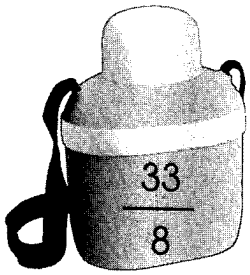
(b) 

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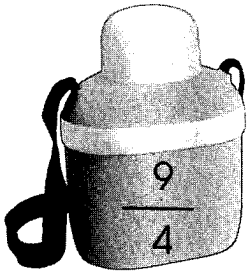
(c) 

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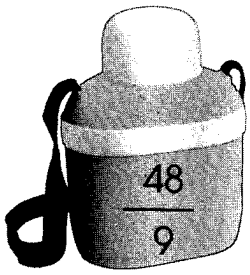
(d) 

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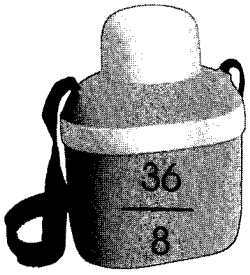
(e) 

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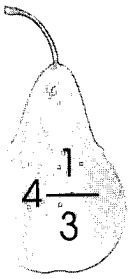
6. Express each mixed number as an improper fraction.

(a) 

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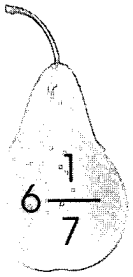
(b) 

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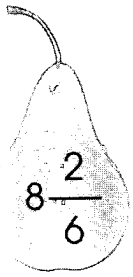
(c) 

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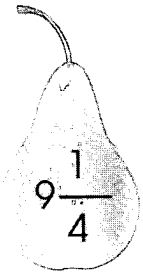
(d) 

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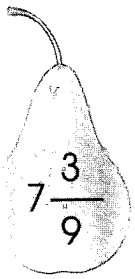
(e) 

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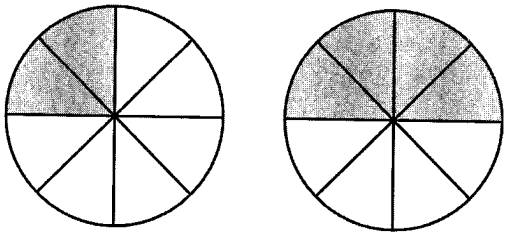
WORKSheet 14

Date:

Adding Fractions

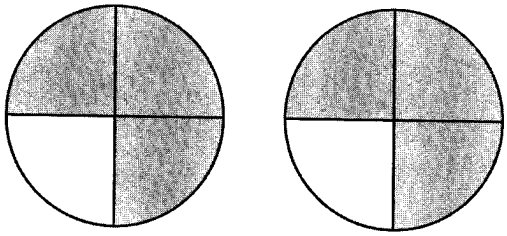
1. Write your answer in its simplest form.

(a)



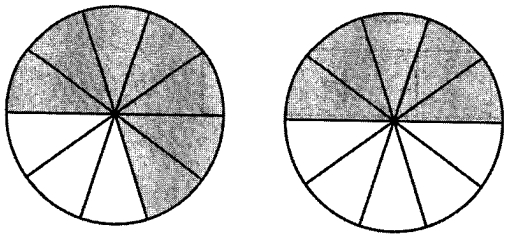
$$\frac{2}{8} + \frac{4}{8} =$$

(b)



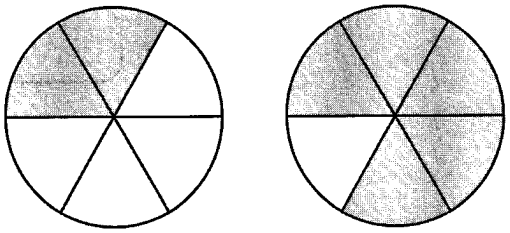
$$\frac{3}{4} + \frac{3}{4} =$$

(c)



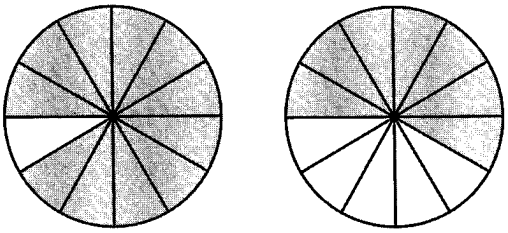
$$\frac{7}{10} + \frac{5}{10} =$$

(d)



$$\frac{2}{6} + \frac{5}{6} =$$

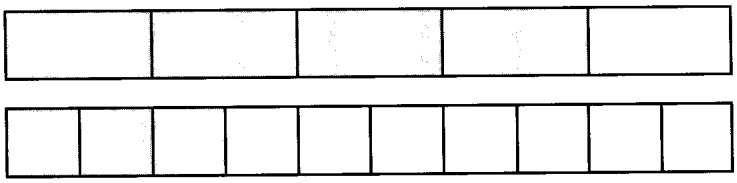
(e)



$$\frac{11}{12} + \frac{7}{12} =$$

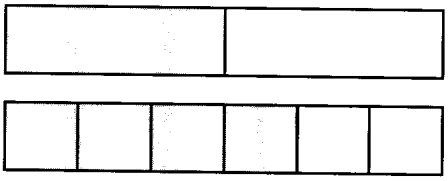
2. Do these sums and give your answers as a mixed number in the simplest form.

(a)



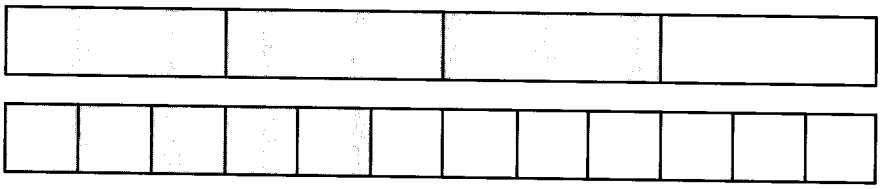
$$\frac{4}{5} + \frac{3}{10} = \frac{\square}{\square} + \frac{3}{10}$$

(b)



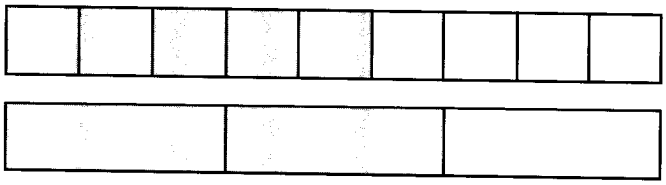
$$\frac{1}{2} + \frac{4}{6} =$$

(c)



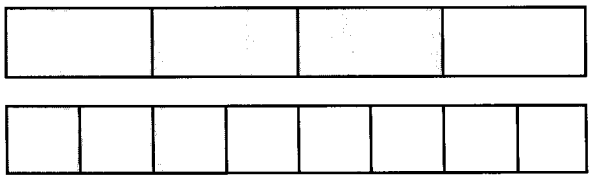
$$\frac{3}{4} + \frac{5}{12} =$$

(d)



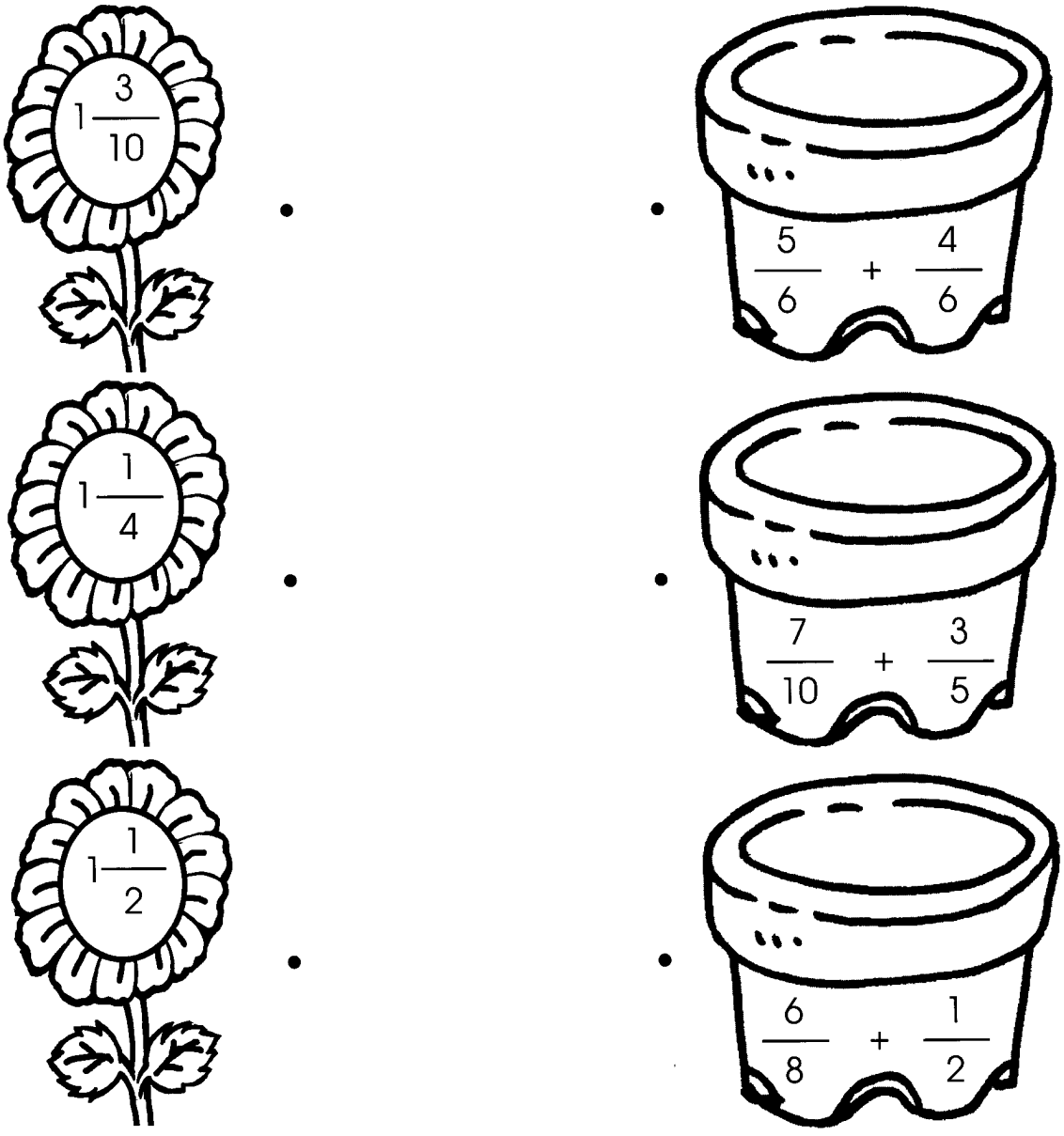
$$\frac{5}{9} + \frac{2}{3} =$$

(e)



$\frac{3}{4} + \frac{3}{8} =$

3. Match.



4. Add the following.

(a) $\frac{1}{4} + \frac{11}{12} =$

(b) $\frac{4}{6} + \frac{5}{12} =$

(c) $\frac{1}{10} + \frac{1}{2} + \frac{7}{10} =$

(d) $\frac{5}{9} + \frac{1}{3} + \frac{7}{9} =$

5. Mr Lee mixed $\frac{2}{5}$ litre of white paint with $\frac{7}{10}$ litre of black paint to get grey paint. How much grey paint did he get?

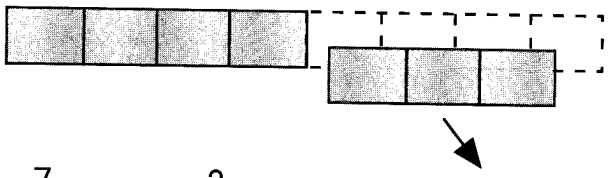
6. At a party, there are some pizzas of the same size. Mary ate $\frac{1}{3}$ of a pizza. John ate $\frac{1}{3}$ of a pizza. Peter ate $\frac{5}{12}$ of a pizza. How many pizzas did the three children eat?

WORKSheet 15

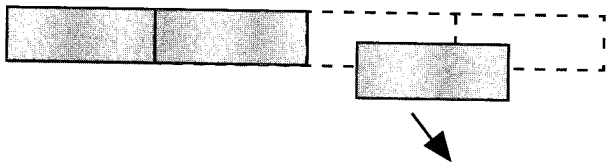
Date:

Subtracting Fractions

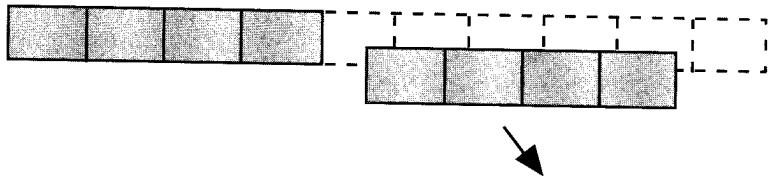
1. Write your answers in the simplest form.

(a) 

$$\frac{7}{8} - \frac{3}{8} =$$

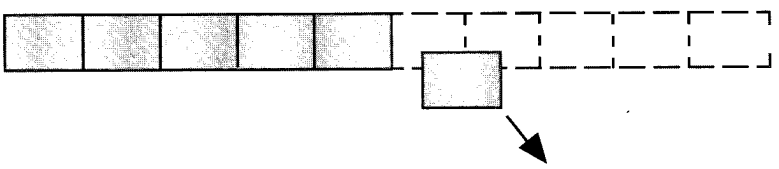
(b) 

$$\frac{3}{4} - \frac{1}{4} =$$

(c) 

$$\frac{8}{10} - \frac{4}{10} =$$

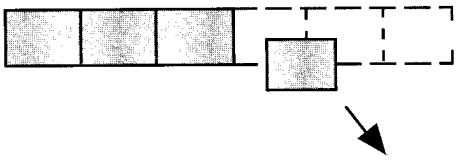
2. Do these sums and express your answers in the simplest form.

(a) 

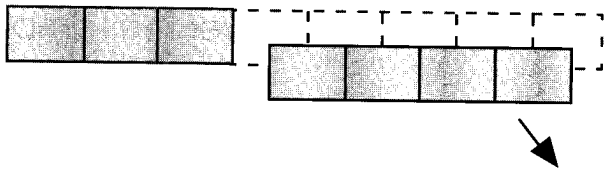
$$\frac{3}{5} - \frac{1}{10} = \frac{\square}{\square} - \frac{1}{10}$$

$$= \frac{\square}{\square}$$

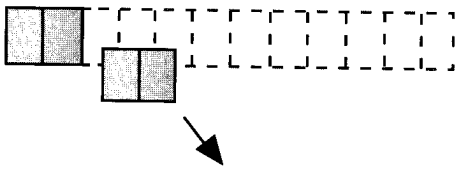
$$= \frac{\square}{\square} \text{ (simplest form)}$$

(b) 

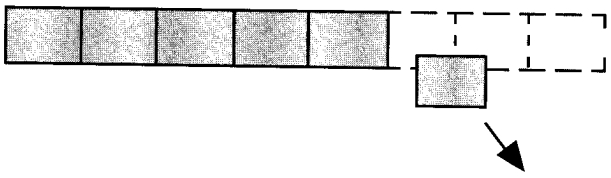
$$\frac{2}{3} - \frac{1}{6} =$$

(c) 

$$\frac{7}{8} - \frac{1}{2} =$$

(d) 

$$\frac{1}{3} - \frac{2}{12} =$$

(e) 

$$\frac{3}{4} - \frac{1}{8} =$$

3. Subtract these fractions and give your answer in its simplest form.

(a) $\frac{11}{12} - \frac{3}{4} =$

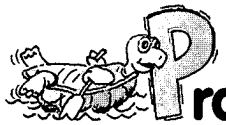
(b) $\frac{9}{10} - \frac{1}{2} =$

(c) $\frac{3}{4} - \frac{3}{8} - \frac{1}{8} =$

(d) $\frac{5}{6} - \frac{1}{3} - \frac{1}{6} =$

4. Rope A is $\frac{3}{4}$ m long and Rope B is $\frac{1}{8}$ m long. How much longer is Rope A than Rope B?

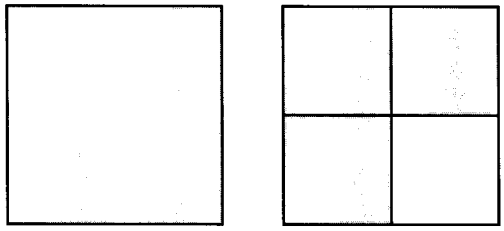
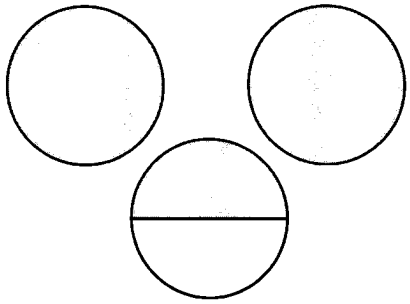
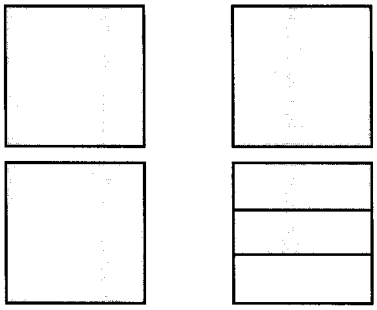
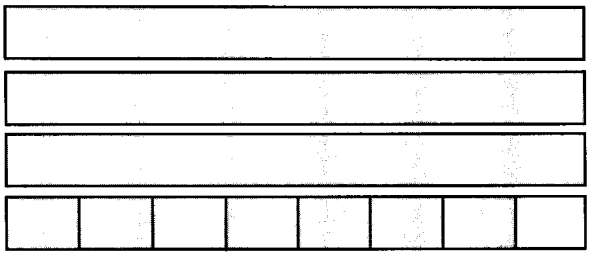
5. Jane, Mary and John each bought a similar piece of cake during recess. Jane ate $\frac{11}{12}$ of hers, Mary ate $\frac{5}{12}$ of hers and John ate $\frac{1}{6}$ of his. How much cake did the three children eat altogether?



Practice 3

Date:

1. Write the mixed number and improper fraction for each of the following figures.

	Mixed Number	Improper Fraction
		
		
		
		

2. Do the following and give your answers in the simplest form.

(a) $\frac{1}{4} + \frac{7}{8} =$

(b) $\frac{4}{5} + \frac{7}{10} =$

(c) $\frac{1}{2} + \frac{5}{6} =$

(d) $\frac{5}{6} - \frac{5}{12} =$

(e) $\frac{8}{9} - \frac{2}{3} =$

(f) $\frac{3}{4} - \frac{3}{8} =$

3. Add. Give your answers in the simplest form.

(a) $\frac{4}{5} + \frac{3}{5} + \frac{7}{10}$	(b) $\frac{2}{3} + \frac{5}{12} + \frac{11}{12}$
(c) $\frac{1}{2} + \frac{7}{8} + \frac{1}{8}$	(d) $\frac{9}{10} + \frac{1}{5} + \frac{3}{5}$

4. Subtract. Express your answers in the simplest form.

(a) $1 - \frac{2}{11} - \frac{7}{11}$	(b) $\frac{5}{6} - \frac{1}{6} - \frac{1}{12}$
(c) $\frac{3}{4} - \frac{3}{8} - \frac{1}{4}$	(d) $\frac{8}{9} - \frac{2}{3} - \frac{1}{9}$

Revision 1A

Date:

1. Write the following numerals in words.

(a) 23 012 →

(b) 54 608 →

(c) 89 005 →

(d) 90 001 →

2. Express the following improper fractions as mixed numbers.

(a) $\frac{21}{10}$ (b) $\frac{17}{4}$

(c) $\frac{7}{3}$ (d) $\frac{80}{9}$

3. Complete the following number sequences.

(a) 45 529 , 43 529 , ☐ , 39 529 , 37 529

(b) 65 390 , 65 420 , 65 450 , ☐ , 65 510

(c) 55 326 , ☐ , 75 326 , 85 326 , 95 326

(d) ☐ , 98 470 , 98 466 , 98 462 , 98 458

(e) 87 336 , 87 036 , ☐ , 86 436 , 86 136

4. Fill in the blanks with 'greater' or 'smaller'.

(a) 21 094 is _____ than 21 904.

(b) 70 358 is _____ than 70 385.

(c) 19 600 is _____ than 17 925.

(d) 36 212 is _____ than 26 312.

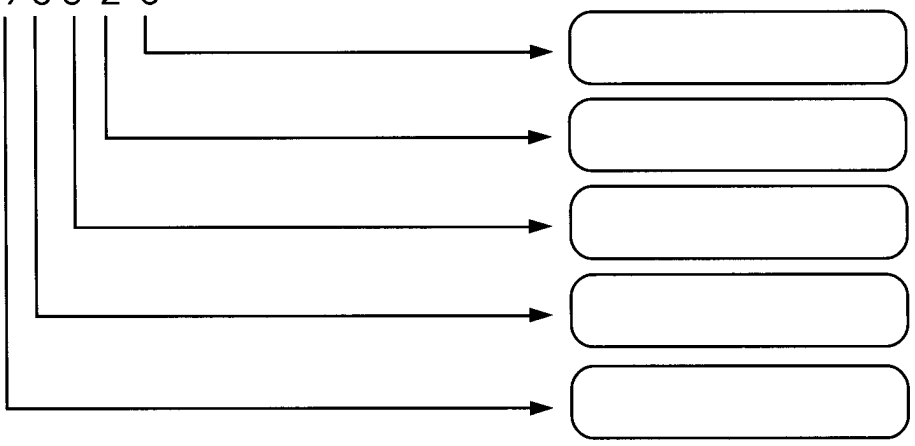
5. Find the common factors for each pair of numbers.

(a) 32 and 48

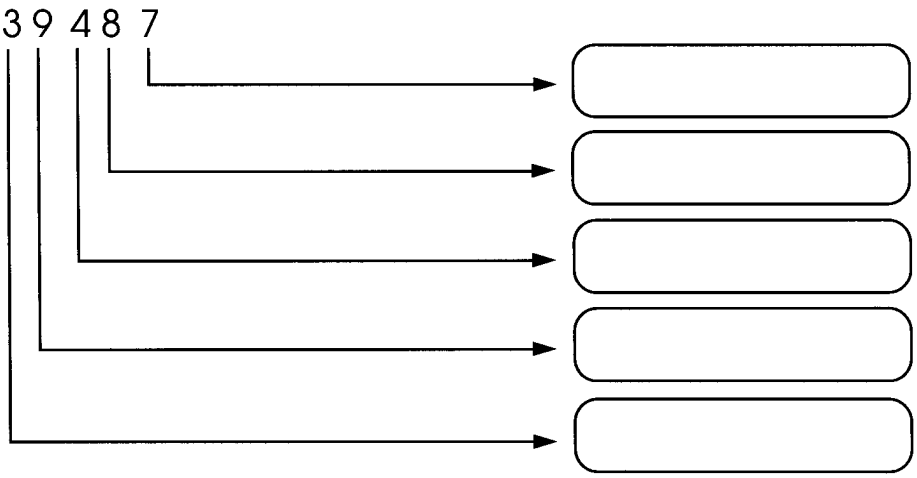
(b) 50 and 75

6. Write the value of each digit.

(a) 9 5 6 2 8



(b) 3 9 4 8 7



7. Add or subtract. Give your answers in the simplest form.

(a) $\frac{7}{10} + \frac{4}{5} =$	(b) $\frac{2}{3} - \frac{5}{9} =$
(c) $\frac{7}{8} + \frac{1}{2} =$	(d) $\frac{1}{2} - \frac{5}{12} =$
(e) $\frac{5}{6} + \frac{2}{3} =$	(f) $\frac{11}{12} - \frac{3}{4} =$

8. Write the following in numerals.

(a) Fifty thousand, nine hundred and two	
(b) Seventy-two thousand, six hundred and ninety-five	
(c) Eighty thousand, three hundred and fifteen	
(d) Eighty thousand and twenty-eight	
(e) Ninety-eight thousand, four hundred and sixty-one	

9. Round off each number to the nearest hundred before adding or subtracting.

(a) 128 + 1611 ≈ ☐ + ☐ = ☐	(b) 1785 + 250
(c) 2679 + 705	(d) 2962 – 704
(e) 4945 – 3338	(f) 6750 – 3568

10. Find the value of each of the following.

(a) $1485 \times 8 =$ ☐	(b) $485 \times 72 =$ ☐
(c) $976 \times 56 =$ ☐	(d) $634 \times 90 =$ ☐

(e) $1795 \div 5 =$ ☐

(f) $3924 \div 9 =$ ☐

(g) $8507 \div 3 =$ ☐

(h) $8880 \div 7 =$ ☐

11. Express the following mixed numbers as improper fractions.

(a) $1\frac{4}{5}$

(b) $3\frac{1}{2}$

(c) $2\frac{3}{4}$

(e) $5\frac{5}{12}$

12. Express the following improper fractions as mixed numbers.

(a) $\frac{7}{3}$

(b) $\frac{25}{10}$

(c) $\frac{15}{7}$

(d) $\frac{25}{8}$

Revision 1B

Date: _____

1. Round off the following numbers to the nearest ten.

(a) 17 975 ≈ _____

(b) 86 194 ≈ _____

(c) 10 096 ≈ _____

(d) 97 605 ≈ _____

2. Round off the following numbers to the nearest hundred.

(a) 4909 ≈ _____

(b) 35 950 ≈ _____

(c) 68 249 ≈ _____

(d) 73 530 ≈ _____

3. What is the value of 5 in each of the following numbers?

(a) 19 510

(b) 25 396

(c) 52 387

(d) 89 645

4. (a) Is 30 a common multiple of 5 and 3?

(b) Is 49 a common multiple of 5 and 7?

5. (a) Arrange the following numbers in decreasing order.

25 938 35 265 35 420

(b) Arrange the following numbers in increasing order.

47 310 29 375 29 295

6. Find the quotients and remainders of the following.

(a) 1280 is divided by 6. ☐ R ☐

(b) 2369 is divided by 7. ☐ R ☐

(c) 3210 is divided by 8. ☐ R ☐

(d) 6359 is divided by 9. ☐ R ☐

7. Estimate the following.

(a)

$2095 \approx$ ☐ (round off to the nearest thousand)

2095×8

$\approx$ ☐ $\times 8$

$=$ ☐

(b)

$356 \approx$ ☐ (round off to the nearest hundred)

$19 \approx$ ☐ (round off to the nearest ten)

356×19

$\approx$ ☐ $\times$ ☐

$=$ ☐

(c)

$391 \approx$ ☐

$391 \div 8$

$\approx$ ☐ $\div 8$

$=$ ☐

$320 \div 8 = 40$
$400 \div 8 = 50$

391 is closer to 400 than to 320.

(d)

$8297 \approx$ ☐

$8297 \div 9$

$\approx$ ☐ $\div 9$

$=$ ☐

$8100 \div 9 = 900$
$9000 \div 9 = 1000$

8297 is closer to 8100 than to 9000.

8. Do the following. Express your answers in the simplest form.

(a) $\frac{6}{10} + \frac{1}{2} + \frac{1}{10} =$

(b) $1 - \frac{1}{6} - \frac{1}{12} =$

(c) $\frac{2}{3} + \frac{7}{9} + \frac{2}{3} =$

(d) $\frac{11}{12} - \frac{1}{6} - \frac{5}{12} =$

9. Peter jogged a distance of $\frac{3}{10}$ km. Kelvin jogged a distance of $\frac{1}{5}$ km. John jogged a distance of $\frac{2}{5}$ km. What was the total distance the three boys jogged?

10. John and his parents painted $\frac{7}{8}$ of a wall in the morning. John's father painted $\frac{1}{2}$ of the wall and John painted $\frac{1}{8}$ of the wall. What fraction of the wall did John's mother paint?

11. Fill in the blanks with the correct answer.

(a) A number is 300 when rounded off to the nearest hundred. What is the greatest possible value of the number?

(b) A number is 160 when rounded off to the nearest ten. What is the smallest possible value of the number?

(c) A number less than 30 is a common multiple of 4 and 5. What is the number?

(d) Is 8 a common factor of 48 and 72?

(e) Is 4 a common factor of 24 and 42?

12. A digital camera costs $888. A computer costs 3 times as much as the digital camera. Round off the amount $888 to the nearest hundred and estimate the cost of the computer.

13. Joy's father earns a monthly salary of $5340. Mary's father earns a monthly salary of $3965. Estimate the difference between both salaries by first rounding off the numbers to the nearest hundred before adding or subtracting.

14. There are 15 apple pies and 34 lemon pies in a box. How many more lemon pies than apple pies are there in 25 such boxes?

15. Alice has 2360 marbles. John has 1834 marbles. How many marbles should Alice give John so that both of them have the same number of marbles?

16. 4380 people visited Sentosa on Saturday. 1290 more visitors went to Sentosa on Sunday than on Saturday. 800 fewer people went to Sentosa on Monday than on Saturday. What is the total number of people who went to Sentosa on Sunday and Monday?

17. Paul bought 9 printers for $128 each and 12 scanners for $146 each. How much money did he pay altogether?

18. An adult-ticket for an art exhibition cost $8 and a child-ticket cost $5. The total admission fee collected in a week was $7260. If 635 adults visited the exhibition, how many children visited the exhibition?

19. In a shoe shop, there were three times as many pairs of white shoes as black shoes. If there were 272 pairs of shoes altogether, how many pairs of white shoes were there?

20. Mr Lim packed 1344 eggs into packs of 6 and 1280 eggs into packs of 8. What was the total number of packs that he made?

21. Mrs Tan sold 120 cupcakes at 50¢ each and 240 cupcakes at 80¢ each. How much money did she get?

22. Ben had three times as many cards as Lucy. If the two children had 256 cards altogether, how many cards did Ben have?

23. The cost of 5 printers and 4 scanners is $2280. If one printer costs $60 more than one scanner, find the cost of one scanner.