

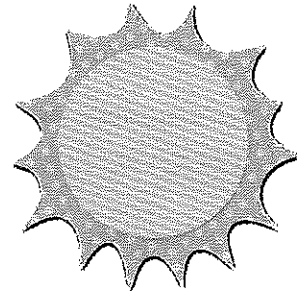
Singapore Summer
Shape-Up

Level 3 Review

3

Singapore Summer Shape Ups: Level 3

Week 1 Lesson 1

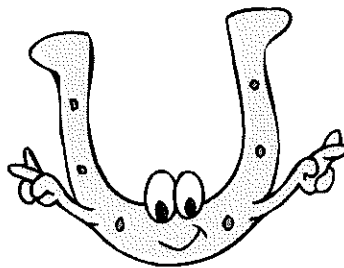


1. Fill in the blanks with numbers.

- a) 2750 is _____ less than 3000.
- b) The sum of 4800 and 320 is _____.
- c) The difference between 1000 and 2388 is _____.

2. I wish I had 1000...how many more do I need?

- a) I have 270.
- b) I have 510.
- c) I have 160.



3. Add or Subtract (VIDEO: ADDING WITH TRADING & SUBTRACTING WITH TRADING)

a)
$$\begin{array}{r} 2973 \\ + 3422 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 3423 \\ - 2920 \\ \hline \end{array}$$

4. Fill in the blank with cm, m, km, g, or kg.

- a) The weight of a paperclip. _____
- b) The length of a soccer field. _____

Singapore Summer Shape Ups: Level 3

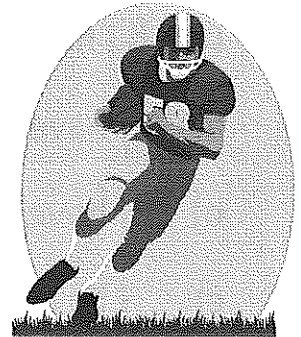
5. Write $<$, $>$, or $=$ in each blank.

a) 6500 _____ 6050

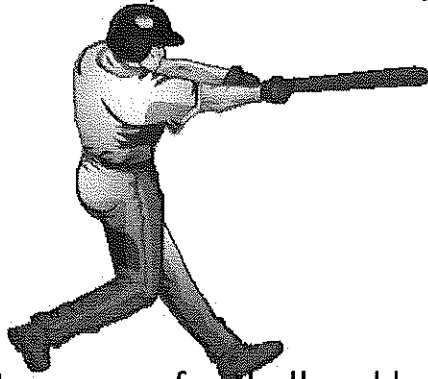
b) $2 \times 30 \times 40$ _____ 2×1200

6. There are 18 baseball players on the school team. There are 3 times as many football players. (VIDEO: MODEL DRAWING – 4 TIMES AS MANY)

How many football players are there?



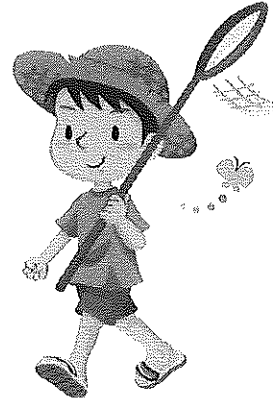
How many more football players than baseball players?



How many football and baseball players all together?

Singapore Summer Shape Ups: Level 3

Week 1 Lesson 2



1. Fill in the blanks.

- a) 11,322 is 1000 more than _____.
- b) 3,040 has _____ tens.
- c) $7922 = 7000 + \underline{\hspace{1cm}} + 20 + 2$

2. Fill in the blanks.

- a) $50 \times 2 = 10 \times \underline{\hspace{1cm}}$
- b) $0 \div 8 = \underline{\hspace{1cm}} \times 7$
- c) $100 \times 37 = \underline{\hspace{1cm}} \times 50 \times 37$
- d) $2000 = 5 \times \underline{\hspace{1cm}} \times 100$

3. Use mental math to solve.

- a) $1000 - 870 = \underline{\hspace{1cm}}$ (VIDEO: MENTAL MATH 9 9 10)
- b) $\$100 - 36.20 = \underline{\hspace{1cm}}$ (VIDEO: MENTAL MATH 9 9 10)
- c) $4654 + 999 = \underline{\hspace{1cm}}$ (VIDEO: MENTAL MATH –
ADDITION / SUBTRACTION)
- d) $\$8.20 + \$9.80 = \underline{\hspace{1cm}}$ (VIDEO: ADDING WITH TRADING)



Singapore Summer Shape Ups: Level 3

4. Fill in the blank.

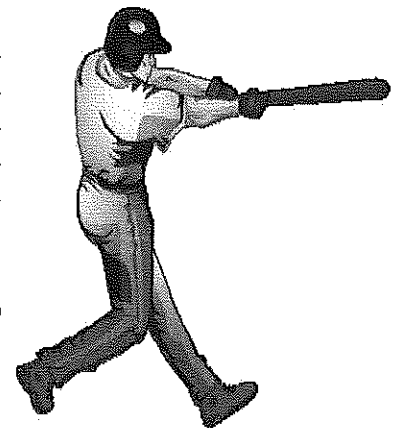
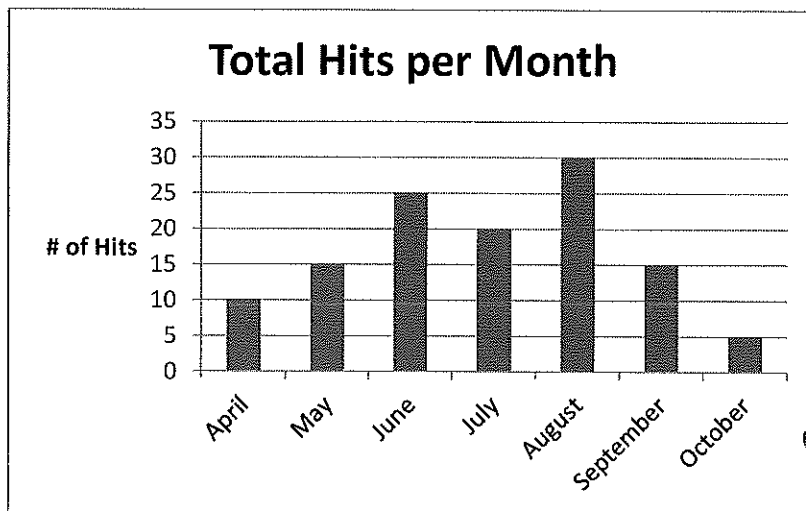
a) $6232 \text{ m} = \underline{\hspace{2cm}} \text{ km } \underline{\hspace{2cm}} \text{ m}$

b) $4 \text{ L } 17 \text{ ml} = \underline{\hspace{2cm}} \text{ ml}$

c) $2 \text{ years } 3 \text{ months} = \underline{\hspace{2cm}} \text{ months}$

d) $4 \text{ yd} - 2 \text{ ft} = \underline{\hspace{2cm}} \text{ yd } \underline{\hspace{2cm}} \text{ ft} = \underline{\hspace{2cm}} \text{ ft}$

5. The table shows a baseball player's hits for one season



Use the graph above to answer the following questions.

a) The player got the most hits in _____.

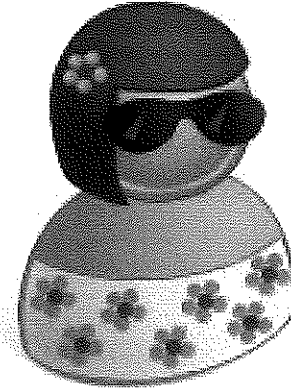
b) In May, he got _____ hits.

c) In _____ he got twice as many hits as in April.

d) He got _____ more hits in June than he did in October.

Singapore Summer Shape Ups: Level 3

Week 1 Lesson 3



1. Write $>$, $<$, or $=$ in each blank.

a) $0 \div 5$ _____ 5×0

b) 700×7 _____ $2255 + 2645$

c) $3 \times 10 \times 7$ _____ 30×21

2. Add or Subtract mentally.

a) $6700 - 900 =$ _____ (VIDEO: SUBTRACTING ACROSS ZERO)

b) $5530 + 3370 =$ _____ (VIDEO: ADDING WITH TRADING)

c) $300 \times 5 =$ _____ (VIDEO: MENTAL MATH –
MULTIPLICATION BY DISTRIBUTING)

d) $15.50 + 11.75 =$ _____ (VIDEO: ADDING WITH TRADING)



3. Fill in the blanks.



A rectangular prism has _____ vertices and
_____ faces.

The faces on the prism are _____. (circles,
rectangles, or triangles)

Singapore Summer Shape Ups: Level 3

4.  Line A

(VIDEO: MODEL DRAWING – FIND 2 NUMBERS)

 Line B

- a) Line A is 12 cm shorter than Line B. What is the length of Line A if they are 38 cm long altogether?

Line A is _____ cm long.

- b) How long is Line B?

Line B is _____ cm long.

5. Circle the smaller fraction. (VIDEO: COMPARING FRACTIONS)

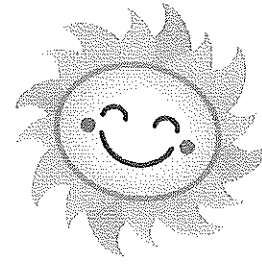
$$\frac{6}{7} \quad \frac{4}{5}$$

6. Find the missing number in each fraction. (VIDEO: SIMPLIFYING FRACTIONS)

$$\frac{2}{5} = \frac{\quad}{15} = \frac{4}{\quad}$$

Singapore Summer Shape Ups: Level 3

Week 2 Lesson 1



1. Multiply or Divide.

a) $8 \times 6 =$ _____

b) $63 \div 7 =$ _____

c) $9 \times 4 =$ _____

d) $54 \div 9 =$ _____

e) $7 \times 7 =$ _____

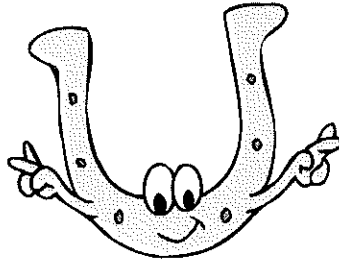
f) $72 \div 6 =$ _____

2. I wish I had 1000...how many more do I need?

a) I have 380.

b) I have 90.

c) I have 475.



3. Add or Subtract (VIDEO: ADDING WITH TRADING & SUBTRACTING WITH TRADING)

a)
$$\begin{array}{r} 3524 \\ + 6258 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 6528 \\ - 3524 \\ \hline \end{array}$$

c)
$$\begin{array}{r} \$28.75 \\ + 33.15 \\ \hline \end{array}$$

d)
$$\begin{array}{r} \$33.15 \\ - 28.75 \\ \hline \end{array}$$

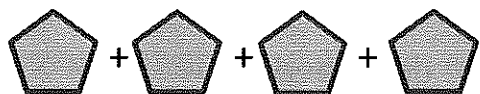
Singapore Summer Shape Ups: Level 3

4. Fill in the blank with cm, m, km, ml or L.



a) The length of a ruler. _____


b) The capacity of a glass. _____

5.  = 32

 = 28

a) What is  X  = _____

b) What is  X  = _____

c) What is  X  = _____

6. Mr. Brock makes \$3200 a month. He pays \$1100 for rent, \$350 for food, and \$750 for other expenses. How much does he have left over to put into the bank?



Singapore Summer Shape Ups: Level 3

Week 2 Lesson 2



1. Fill in the blanks.

- a) In 10,288, the _____ is in the thousands place.
- b) 9,873 is 1000 less than _____.
- c) When 398 is divided by 4, the quotient is _____ and the remainder is _____.

2. Multiply or Divide

- a) $8 \times 7 =$ _____
- b) $48 \div 8 =$ _____
- b) $7 \times 9 =$ _____
- d) $56 \div 8 =$ _____

3. Use mental math to solve.

- a) $1200 \times 5 =$ _____
- b) $4800 \div 8 =$ _____
- c) $3 \times 5 \times 4 =$ _____



Singapore Summer Shape Ups: Level 3

4. Fill in the blank.

a) 45 days = _____ weeks _____ days

b) 7 m – 2 m 65 cm = _____ m _____ cm

c) 4 L 250 ml + 820 ml = _____ L _____ ml

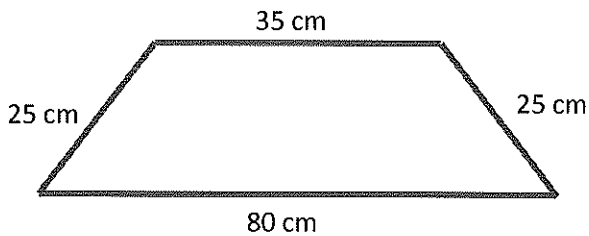
d) 7 yd 1 ft – 4 yd 2 ft = _____ yd _____ ft

5. Write the fractions in simplest form. (VIDEO: SIMPLIFYING FRACTIONS)

a) $\frac{5}{15}$

b) $\frac{7}{14}$

6.



What is the perimeter of the figure?

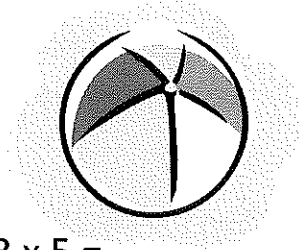
_____ cm = _____ m _____ cm

7. Farmer Brown sold 4 pounds of broccoli for \$3.60 and 7 pounds of corn for \$4.90. If he needs to make \$10 today, how much more money does he need to make?



Singapore Summer Shape Ups: Level 3

Week 2 Lesson 3



1. Multiply. (VIDEO: MULTIPLICATION)

a) $203 \times 4 =$ _____

b) $203 \times 5 =$ _____

c) $203 \times 6 =$ _____

d) $203 \times 7 =$ _____

e) $203 \times 8 =$ _____

f) $203 \times 9 =$ _____

2. Divide. (VIDEO: DIVISION)

a) $4 \overline{)87}$

b) $3 \overline{)233}$

3. The teacher gave out candy to the students in her class. She gave each student 8 pieces of candy and she had a total of 362 pieces.

(VIDEO: DIVISION)

a) How many students were in her class?



b) How much candy did she have leftover for herself?

Singapore Summer Shape Ups: Level 3

4. If you ride your bike to your friend's house, it takes you 25 minutes. If you ride to school, it takes 15 minutes.

a) How long does it take to get to your friend's house and back home?

It takes _____ minutes.



b) If school starts at 7:50 am and you want to be 5 minutes early, what time do you have to leave your house?

You must leave at _____.

5. Circle the smaller fraction. (VIDEO: COMPARING FRACTIONS)

$$\frac{3}{5} \quad \frac{3}{8}$$

6. Find the missing number in each fraction. (VIDEO: SIMPLIFYING FRACTIONS)

$$\frac{6}{12} = \frac{1}{\quad} = \frac{\quad}{4}$$

Singapore Summer Shape Ups: Level 3

Week 3 Lesson 1



1. Fill in the blank.

a) 9 quarters = \$ _____

b) 15 dimes = \$ _____

c) 3 quarters + 3 dimes + 3 nickels = \$ _____

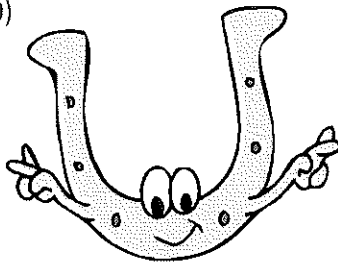
2. I wish I had 1000...how many more do I need?

(VIDEO: MENTAL MATH 9 9 10)

a) I have 625.

b) I have 705.

c) I have 895.



3. Add or Subtract (VIDEO: ADDING WITH TRADING & SUBTRACTING WITH TRADING)

a)
$$\begin{array}{r} 7233 \\ + 1928 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 7233 \\ - 1927 \\ \hline \end{array}$$

c)
$$\begin{array}{r} \$30.15 \\ + 44.90 \\ \hline \end{array}$$

d)
$$\begin{array}{r} \$44.90 \\ - 39.15 \\ \hline \end{array}$$

Singapore Summer Shape Ups: Level 3

4. What is the best estimate for the problem?

$$397 \times 8$$

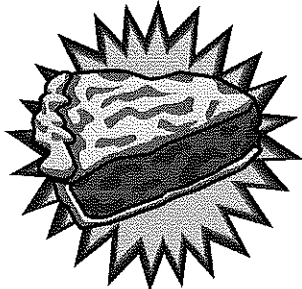
4000

3000

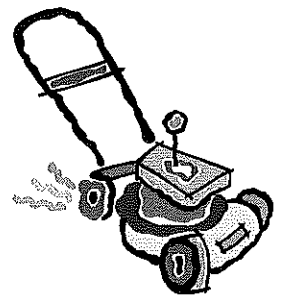
3200

2400

5. The chef was baking apple pies for Christmas. Each pie needs 7 apples. If the chef had 233 apples, but 16 of them had worms in them so had to be thrown away, how many pies was he able to bake? (VIDEO: DIVISION)

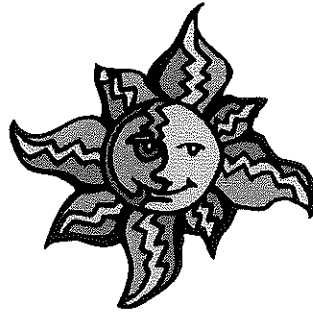


6. Mark took 1 hour 45 min to cut the grass. He finished just in time for lunch at 12:30 pm. What time did he start cutting the grass?



Singapore Summer Shape Ups: Level 3

Week 3 Lesson 2



1. Fill in the blanks.

a) In 14,591, the _____ is in the hundreds place.

b) 9,973 is 100 less than _____.

c) $8,303 = \underline{\quad} \times 1000 + \underline{\quad} \times 100 + \underline{\quad} \times 1$

2. Multiply or Divide

a) $12 \times 7 = \underline{\hspace{2cm}}$

b) $56 \div 7 = \underline{\hspace{2cm}}$

b) $8 \times 9 = \underline{\hspace{2cm}}$

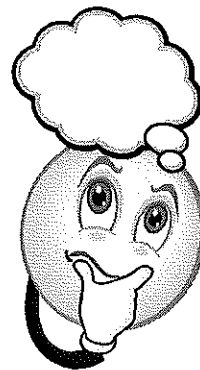
d) $64 \div 8 = \underline{\hspace{2cm}}$

3. Use mental math to solve.

a) $3500 \div 5 = \underline{\hspace{2cm}}$

b) $2387 - 8 = \underline{\hspace{2cm}}$

c) $5 \times 2 \times 60 = \underline{\hspace{2cm}}$



Singapore Summer Shape Ups: Level 3

4. Fill in the blank.

a) $6 \text{ h } 15 \text{ min} + 4 \text{ h } 55 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

b) $6 \text{ h } 15 \text{ min} - 4 \text{ h } 20 \text{ min} = \underline{\hspace{2cm}} \text{ h } \underline{\hspace{2cm}} \text{ min}$

c) $7 \text{ yd } 1 \text{ ft} + 4 \text{ yd } 2 \text{ ft} = \underline{\hspace{2cm}} \text{ yd } \underline{\hspace{2cm}} \text{ ft}$

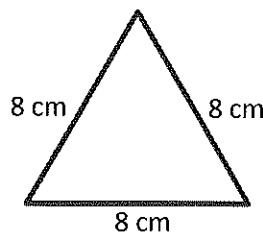
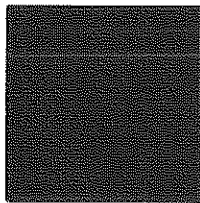
d) $12 \text{ lb} - 10 \text{ lb } 7 \text{ oz} = \underline{\hspace{2cm}} \text{ lb } \underline{\hspace{2cm}} \text{ oz}$

5. Write the fractions in simplest form. (VIDEO: SIMPLIFYING FRACTIONS)

a) $\frac{8}{10}$

b) $\frac{6}{18}$

6.



The square and triangle have the same perimeter. What is the perimeter?

 cm

How long is the length of one side of the square? cm

What is the area of the square? cm²

Singapore Summer Shape Ups: Level 3

Week 3 Lesson 3



1. Multiply. (VIDEO: MENTAL MATH -MULTIPLICATION)

a) $505 \times 4 =$ _____

b) $505 \times 5 =$ _____

c) $505 \times 6 =$ _____

d) $505 \times 7 =$ _____

e) $505 \times 8 =$ _____

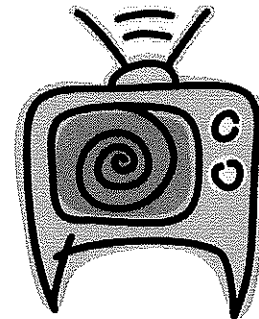
f) $505 \times 9 =$ _____

2. Divide. (VIDEO: DIVISION)

a) $8 \overline{)348}$

b) $6 \overline{)766}$


3. A laptop computer costs \$1700. A television is \$970 cheaper than the laptop.



How much does the television cost?

How much money is needed to purchase both items?

Singapore Summer Shape Ups: Level 3

4.  Line A (VIDEO: MODEL DRAWING – FIND 2 NUMBERS)

 Line B

- a) Line B is 8 cm longer than Line A. What is the length of Line A if they are 26 cm long altogether?

Line A is _____ cm long.

- b) How long is Line B?

Line B is _____ cm long.

5. Circle the smaller fraction. (VIDEO: COMPARING FRACTIONS)

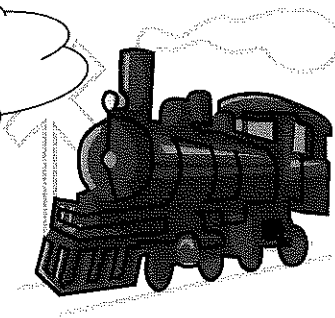
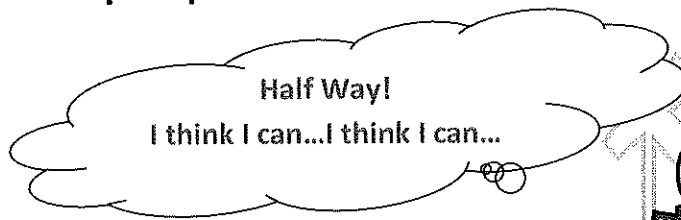
$$\frac{4}{9} \quad \frac{3}{5}$$

6. Find the missing number in each fraction. (VIDEO: SIMPLIFYING FRACTIONS)

$$\frac{4}{16} = \frac{2}{\quad} = \frac{\quad}{4}$$

Singapore Summer Shape Ups: Level 3

Week 4 Lesson 1



1. Fill in the blank.

a) 25 nickels = \$ _____

b) 20 dimes + 20 nickels = \$ _____

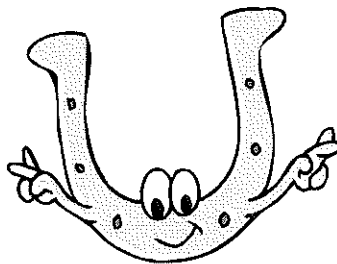
c) 7 quarters + 10 dimes + 7 nickels = \$ _____

2. I wish I had 1000...how many more do I need?

a) I have 75.

b) I have 935.

c) I have 5.



3. Add or Subtract (VIDEO: ADDING WITH TRADING & SUBTRACTING WITH TRADING)

a)
$$\begin{array}{r} 4205 \\ + 2876 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 4205 \\ - 2876 \\ \hline \end{array}$$

c)
$$\begin{array}{r} \$22.80 \\ + 57.60 \\ \hline \end{array}$$

d)
$$\begin{array}{r} \$57.60 \\ - 22.80 \\ \hline \end{array}$$

Singapore Summer Shape Ups: Level 3

4. Solve. (VIDEO: ADDING AND SUBTRACTING FRACTIONS WITH LIKE DENOM)

a) $\frac{2}{7} + \frac{2}{7} = \underline{\hspace{2cm}}$

b) $1 - \frac{7}{9} = \underline{\hspace{2cm}}$

5. Cheryl, Leslie, and Pam painted a room. Cheryl and Leslie each painted $\frac{3}{7}$ of the room. How much of the room did Pam paint?

(VIDEO: ADDING FRACTIONS WITH LIKE DENOM.)



6. Mr. Jay made 720 donuts. A dozen donuts sell for \$4. How much money did Mr. Jay make if he sold all of his donuts?



Singapore Summer Shape Ups: Level 3

Week 4 Lesson 2



1. Fill in the blanks.

a) $2000 = \underline{\hspace{2cm}}$ thousands = $\underline{\hspace{2cm}}$ hundreds = $\underline{\hspace{2cm}}$ tens.

b) In 10,284, the 1 is in the $\underline{\hspace{2cm}}$ place.

c) 1937 is 100 less than $\underline{\hspace{2cm}}$.

2. Multiply or Divide

a) $6 \times 6 = \underline{\hspace{2cm}}$

b) $24 \div 8 = \underline{\hspace{2cm}}$

b) $4 \times 9 = \underline{\hspace{2cm}}$

d) $63 \div 7 = \underline{\hspace{2cm}}$

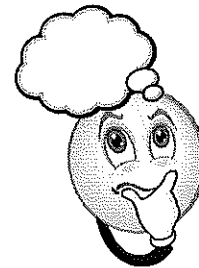
3. Use mental math to solve.

a) $99 \times 3 = \underline{\hspace{2cm}}$

(VIDEO: MENTAL MATH –MULT. NUMBERS CLOSE TO 100)

b) $1000 - 238 = \underline{\hspace{2cm}}$ (VIDEO: MENTAL MATH 9 9 10)

c) $3 \times 6 \times 10 = \underline{\hspace{2cm}}$



Singapore Summer Shape Ups: Level 3

4. Fill in the blank.

a) $5 \text{ L } 7 \text{ ml} + 9 \text{ L } 23 \text{ ml} = \underline{\hspace{2cm}} \text{ L } \underline{\hspace{2cm}} \text{ ml}$
 $= \underline{\hspace{2cm}} \text{ ml}$

b) $490 \text{ days} = \underline{\hspace{2cm}} \text{ weeks}$

c) $7 \text{ yd } 1 \text{ ft} - 4 \text{ yd } 2 \text{ ft} = \underline{\hspace{2cm}} \text{ yd } \underline{\hspace{2cm}} \text{ ft}$

d) $12 \text{ lb } 10 \text{ oz} + 10 \text{ lb } 7 \text{ oz} = \underline{\hspace{2cm}} \text{ lb } \underline{\hspace{2cm}} \text{ oz}$

5. Write the fractions in simplest form. (VIDEO: SIMPLIFYING FRACTIONS)

a) $\frac{9}{27}$

b) $\frac{18}{27}$

6. Circle the largest fraction. (VIDEO: COMPARING FRACTIONS)

$$\frac{4}{15}$$

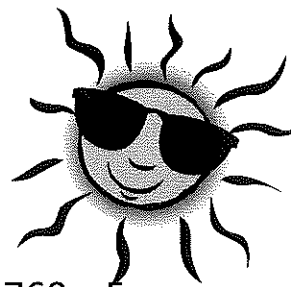
$$\frac{4}{9}$$

7. The difference between two numbers is 282. If the larger number is 783, what is the smaller number?

(VIDEO: MODEL DRAWING – FIND 2 NUMBERS)

Singapore Summer Shape Ups: Level 3

Week 4 Lesson 3



1. Multiply. (VIDEO: MENTAL MATH -MULTIPLICATION)

a) $760 \times 4 =$ _____

b) $760 \times 5 =$ _____

c) $760 \times 6 =$ _____

d) $760 \times 7 =$ _____

e) $760 \times 8 =$ _____

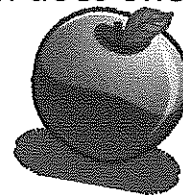
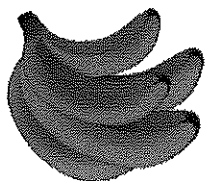
f) $760 \times 9 =$ _____

2. Divide. (VIDEO: DIVISION)

a) $7 \overline{)804}$

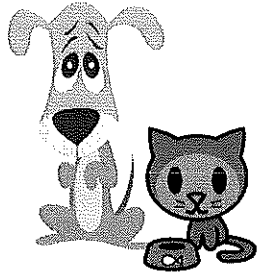
b) $9 \overline{)333}$

3. Two apples and six bananas weigh 848 g. If each apple weighs 100 g and the bananas are equal in weight, how much does one banana weigh?



Singapore Summer Shape Ups: Level 3

4. Daisy the dog weighs 24 lbs 12 oz. Fuzzy the cat weighs 10 lbs 14 oz less than Daisy. Squeaky the gerbil weighs 10 lbs 2 oz less than Fuzzy.



How much does Fuzzy weigh? _____ lbs _____ oz

How much does Squeaky weigh? _____ lbs _____ oz.

How much do the three pets weigh altogether?

_____ lbs _____ oz.

5. Solve.

a) $\frac{3}{8} + \frac{4}{8} =$ _____ (VIDEO: ADDING FRACTIONS WITH LIKE DENOM)

b) $1 - \frac{3}{16} =$ _____ (VIDEO: SUBTRACTING FRACTIONS WITH LIKE DENOM)

c) $\frac{1}{4}$ of 20 = _____ (VIDEO: MODEL DRAWING-FRACTION OF A WHOLE)

Singapore Summer Shape Ups: Level 3

Week 5 Lesson 1

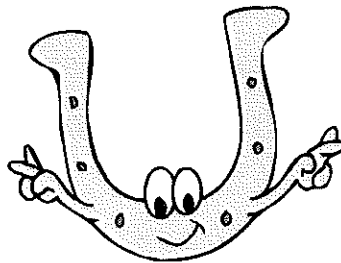


1. Fill in the blanks with numbers.

- a) 4000 is _____ more than 3070.
- b) The sum of 5600 and 450 is _____.
- c) The difference between 900 and 2400 is _____.

2. I wish I had 2000...how many more do I need?

- a) I have 1600.
- b) I have 910.
- c) I have 1350.



3. Add or Subtract (VIDEO: ADDING WITH TRADING & SUBTRACTING WITH TRADING)

a)
$$\begin{array}{r} \$47.35 \\ + 29.05 \\ \hline \end{array}$$

b)
$$\begin{array}{r} \$47.35 \\ - 29.05 \\ \hline \end{array}$$

4. Fill in the blank with cm, m, km, g, or kg.

- a) The weight of a brick. _____
- b) The width of a dinner plate. _____

Singapore Summer Shape Ups: Level 3

5. Write $<$, $>$, or $=$ in each blank.

a) 67×100 _____ 6070

b) $7432 - 100$ _____ $7432 - 99$

6. Divide. (VIDEO: DIVISION)

a) $6 \overline{)822}$

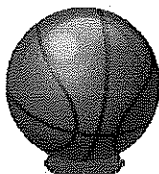
b) $8 \overline{)920}$

7. A basketball weighs 4 times as much as a baseball. If the baseball weighs 500 g, how much does the basketball weigh in grams?

(VIDEO: MODEL DRAWING – TIMES AS MANY)

_____g

In kilograms? _____kg

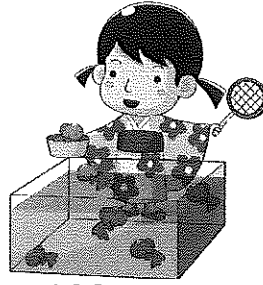


How much do the two balls weigh altogether in grams? _____g

In kilograms? _____kg

Singapore Summer Shape Ups: Level 3

Week 5 Lesson 2



1. Fill in the blanks.

a) $2,398 = \underline{\quad} \times 1000 + \underline{\quad} \times 100 + \underline{\quad} \times 10 + \underline{\quad} \times 1$

b) $9800 = \underline{\quad} \text{ hundreds} = \underline{\quad} \text{ tens} = \underline{\quad} \text{ ones}$

c) The difference between 2376 and 999 is $\underline{\hspace{2cm}}$.

2. Fill in the blanks.

a) $17 \times 100 = 10 \times \underline{\hspace{2cm}} \times 17$

b) $1400 \times 0 = \underline{\hspace{2cm}} \div 1400$

c) $20 \times 99 = \underline{\hspace{2cm}} \times 5 \times 9 \times 11$

d) $4000 = 8 \times \underline{\hspace{1cm}} \times 10 \times 10$

3. Use mental math to solve.

a) $4000 - 389 = \underline{\hspace{2cm}}$ (VIDEO: MENTAL MATH 9 9 10)

b) $\$100 - 47.50 = \underline{\hspace{2cm}}$ (VIDEO: MENTAL MATH 9 9 10)

c) $2127 + 997 = \underline{\hspace{2cm}}$ (VIDEO: MENTAL MATH – ADDITION/SUBTRACTION)

d) $\$10.75 + \$8.50 = \underline{\hspace{2cm}}$



Singapore Summer Shape Ups: Level 3

4. Fill in the blank.

a) 8052 ml = _____ L _____ ml

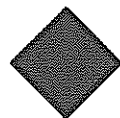

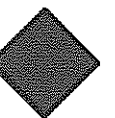
b) 9 L 350 ml = _____ ml

c) 7 years 8 months = _____ months


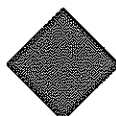
d) 9 yd 2 ft + 3 yd 2 ft = _____ yd _____ ft


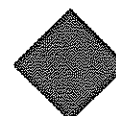
5.

 X  = 49

 +  +  = 27

 +  +  = _____

 X  = _____

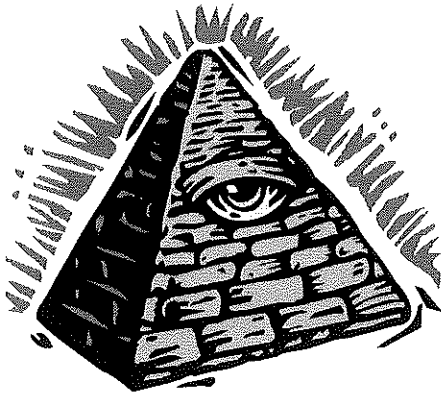
 +  = _____

 X  X  = _____

Singapore Summer Shape Ups: Level 3

Week 5 Lesson 3

1. Fill in the blanks.



A square pyramid has _____ vertices
and _____ edges.

A rectangular prism has _____ vertices
and _____ edges.

2. Henry has 6 times as much money as Charlie.

(VIDEO: MODEL DRAWING – TIMES AS MANY)

a) If Henry has \$43.74, how much money does Charlie have?

b) Charlie's mom gave him some money. Now he has \$12.50.
How much did his mom give him?

Singapore Summer Shape Ups: Level 3

3. The length of a football field 120 yds. The width is 50 yds.

a) What is the perimeter of the field?



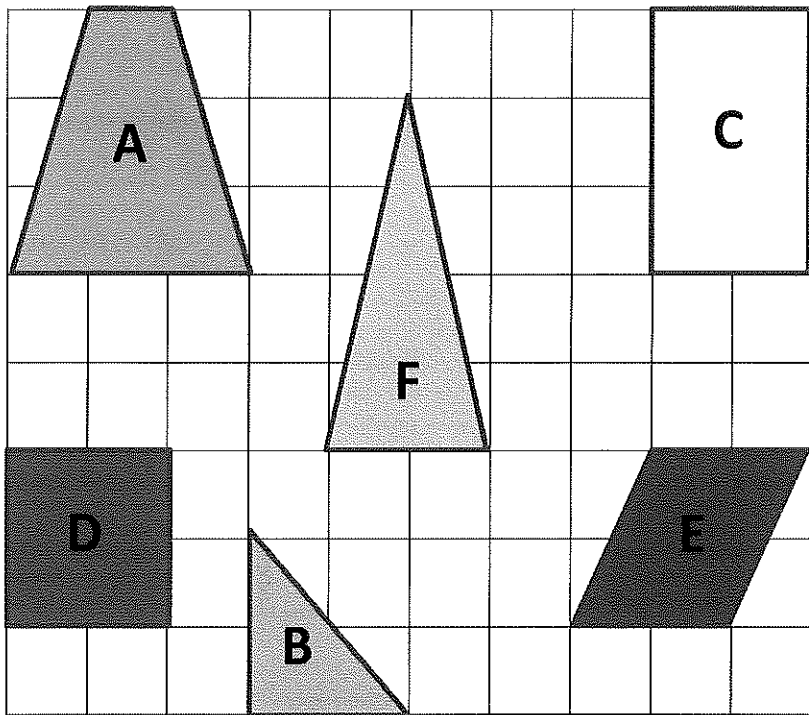
_____ yds

b) The track team runs 4 laps around the perimeter of the field,
how far did the track team run?

_____ yds

Singapore Summer Shape Ups: Level 3

4.



Which shape is a...

- a) Parallelogram _____ b) Rhombus _____
 c) Rectangle _____ d) Trapezoid _____

What is the area of figure D? _____ square units

What is the area of figure C? _____ square units

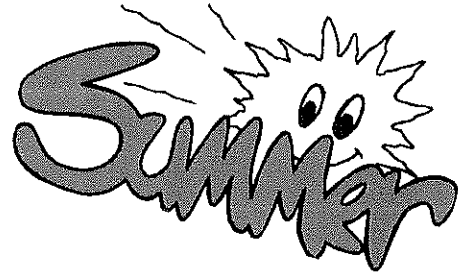
What is the area of figure B? _____ square units

What type of triangle is figure B? _____ (acute, obtuse, right)

What type of triangle is figure F? _____
 (equilateral, isosceles, scalene)

Singapore Summer Shape Ups: Level 3

Week 6 Lesson 1



1. Fill in the blank.

a) 40 nickels = \$ _____

b) 17 dimes + 30 nickels = \$ _____ = _____ ¢

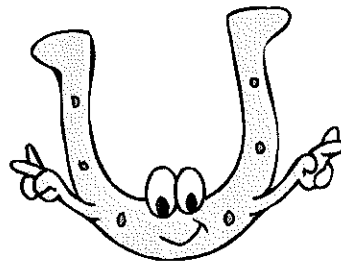
c) 9 quarters + 14 dimes + 3 nickels = \$ _____

2. I wish I had 3000...how many more do I need?

a) I have 1400.

b) I have 2350.

c) I have 900.



3. Add or Subtract (VIDEO: ADDING/SUBTRACTING WITH TRADING)

a)
$$\begin{array}{r} 4205 \\ + 2876 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 4205 \\ - 2876 \\ \hline \end{array}$$

c)
$$\begin{array}{r} \$22.80 \\ + 57.60 \\ \hline \end{array}$$

d)
$$\begin{array}{r} \$57.60 \\ - 22.80 \\ \hline \end{array}$$

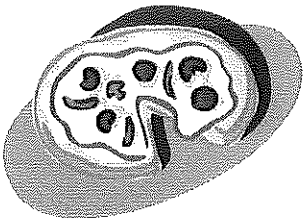
Singapore Summer Shape Ups: Level 3

4. Solve. (VIDEO: ADDING/SUBTRACTING FRACTIONS WITH LIKE DENOM.)

a) $\frac{4}{10} + \frac{6}{10} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ (simplify)

b) $1 - \frac{7}{11} = \underline{\hspace{2cm}}$

5. Phillip ate $\frac{2}{8}$ of a pizza. Daniel ate $\frac{1}{2}$ of the same pizza. Who ate the most pizza?



If Tim came over and ate the rest of the pizza, how much did Tim eat?

6. Fill in the blanks.

4 quarters = \$ _____

$\frac{1}{2}$ of a dollar = _____ quarters

_____ dimes = \$1.00

$\frac{3}{10}$ of a dollar = _____ dimes

_____ pennies = \$1.00

$\frac{1}{4}$ of a dollar = _____ pennies

Singapore Summer Shape Ups: Level 3

Week 6 Lesson 2



1. Fill in the blanks.

- a) _____ is 1000 more than 19,200.
- b) What is the difference between 1400 and 1304? _____
- c) 11,953 has _____ thousands.

2. Multiply or Divide

- a) $123 \times 3 =$ _____
- b) $448 \div 4 =$ _____
- b) $202 \times 4 =$ _____
- d) $0 \div 7 =$ _____

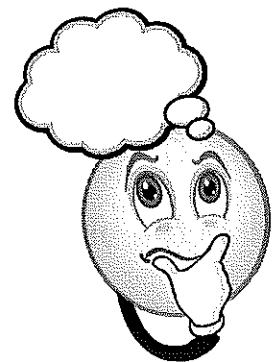
3. Use mental math to solve.

a) $299 \times 5 =$ _____

(VIDEO: MENTAL MATH – MULTIPLYING NUMBERS CLOSE TO 100)

b) $33 \times 5 \times 2 =$ _____

c) $120 \times 4 \times 5 =$ _____



Singapore Summer Shape Ups: Level 3

4. The brown bear weighs 120 kg. The grizzly bear weighs 170 kg more. The giant panda bear weighs 3 times their total weight.

How much does the grizzly bear weigh?

(VIDEO: MODEL DRAWING – TIMES AS MANY)



How much does the panda weigh?

5. Write the fractions in simplest form. (VIDEO: SIMPLIFYING FRACTIONS)

a) $\frac{8}{12}$

b) $\frac{5}{25}$

Singapore Summer Shape Ups: Level 3

6. Circle the largest fraction. (VIDEO: COMPARING FRACTIONS)

$$\frac{8}{15}$$

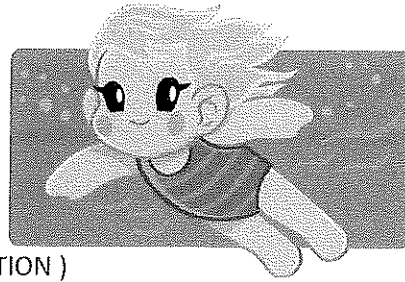
$$\frac{11}{24}$$

7. The difference between two numbers is 451. If the smaller number is 892, what is the larger number? _____

(VIDEO: MODEL DRAWING – FIND 2 NUMBERS)

Singapore Summer Shape Ups: Level 3

Week 6 Lesson 3



1. Multiply. (VIDEO: MENTAL MATH - MULTIPLICATION)

a) $299 \times 4 =$ _____

b) $299 \times 5 =$ _____

c) $299 \times 6 =$ _____

d) $299 \times 7 =$ _____

e) $299 \times 8 =$ _____

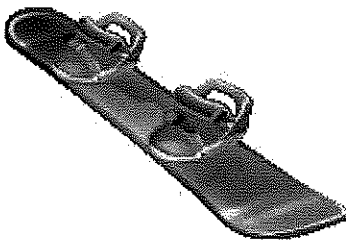
f) $299 \times 9 =$ _____

2. Divide. (VIDEO: DIVISION)

a) $6 \overline{)340}$

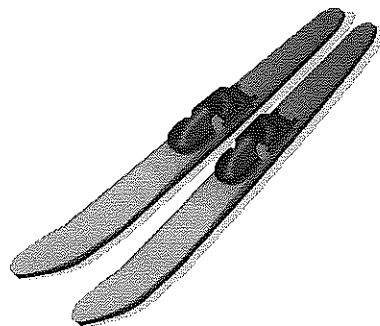
b) $8 \overline{)708}$

3. The length of one pair of skis is 4 ft 2 inches. The length of a snow board is 40 inches.



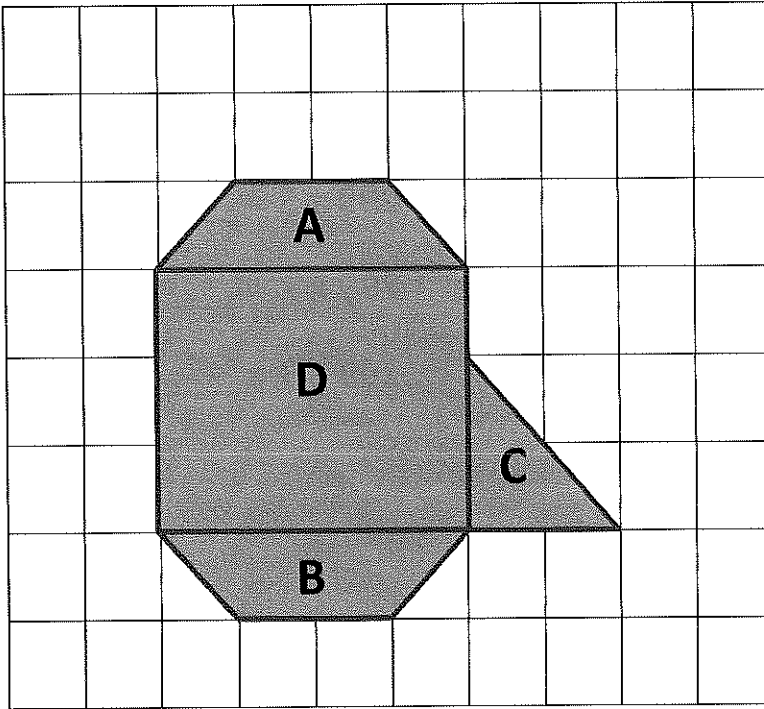
Which is shorter? _____.

How much shorter? _____ in.



Singapore Summer Shape Ups: Level 3

4. Identify the shapes.



- a) Figure A is a _____.
It's area is _____.
- b) Figure C is a _____.
It's area is _____.
- c) Figure D is a _____.
It's area is _____.
- d) What is the total shaded area? _____

5. Solve.

a) $\frac{9}{11} + \frac{7}{11} =$ _____ is there another way to write that?
(VIDEO: ADD FRACTIONS WITH LIKE DENOM.) _____

b) $1 - \frac{8}{23} =$ _____ (VIDEO: SUBTRACT FRACTIONS WITH LIKE DENOM.)

c) $\frac{1}{3}$ of 27 = _____ (VIDEO: MODEL DRAWING - FRACTION OF WHOLE)



Congratulations! You've finished the summer shape up.