SPH
SEKOLAH PELITA HARAPAN

Math 6 Quiz
Ratio and Proportion Quarter 3

Name:
Grade:

1. Complete these statements.



a) For every _____ strawberries, there are _____ bananas.

The ratio of strawberries to bananas is [:].



b) For every _____ circles, there are _____ triangles.

The ratio of circles to triangles is [:].

2. True or false? Circle the correct answer.



$\frac{1}{4}$ of the balls are rugby balls. true / false

The ratio of rugby balls to footballs is 1:4. true / false

The percentage of footballs is 75%. true / false

3. **a** What proportion are green squares?

.....



b What proportion is white?

.....

LIVEWORKSHEETS

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4. a There are two cats and five dogs. What proportion of the pets are
a cats?

.....

b What proportion are dogs?

.....

5. Andra has three green skirts and four blue skirts.

a What is the ratio of green to blue?

.....

b What is the ratio of blue to green?

.....

6. **a** What proportion are blue squares? .....



b Write this fraction in its simplest form. .....

c What is the ratio of blue to orange? .....

7. There are two bananas for every four apples.

a How many fruits are there altogether? .....

b What proportion of the fruit are apples? .....

c What is the ratio of bananas to apples? .....

LIVEWORKSHEETS

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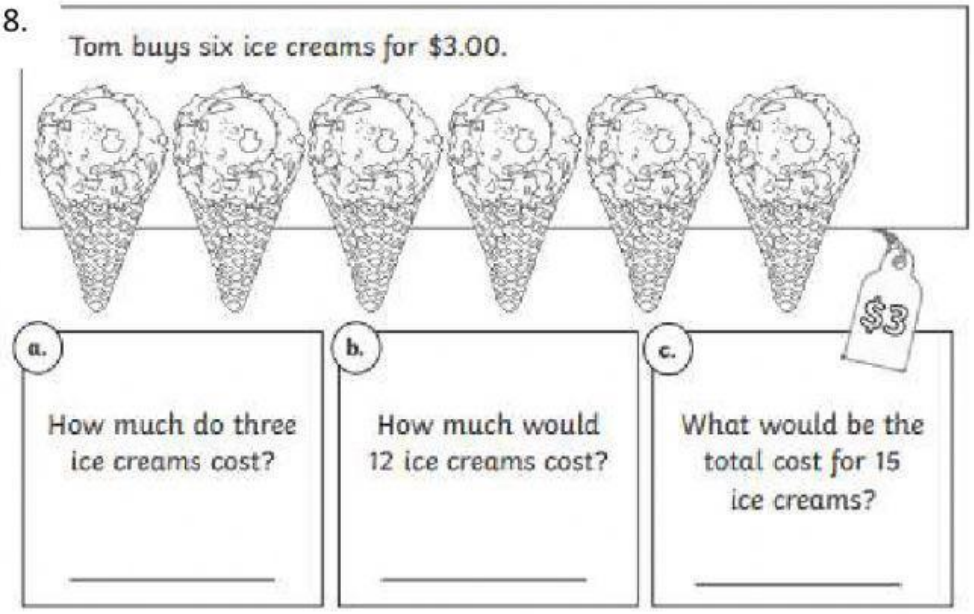
Name:
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7. Express the ratio in the simplest form:

   a. 13 : 39 =
   b. 14 : 40 =
   c. 25 : 15 =

Word Problem & Problem Solving

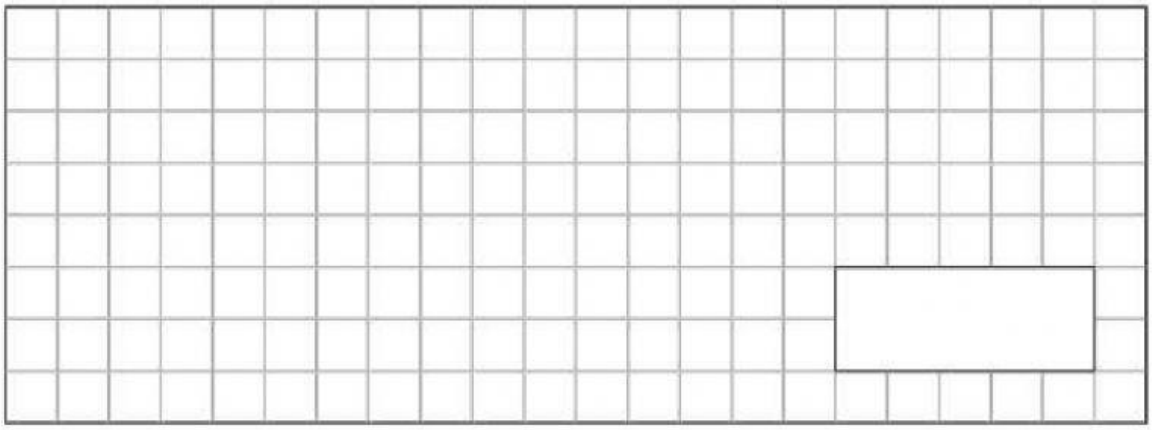
8.



9. Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.

   a) Two medium pizzas cost $13.

   Calculate the cost of 7 medium pizzas.



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