

PROGRESSION QUIZ T3 (MATHEMATICS)

You will need a pencil and paper for working out the answers to the questions.

1. QUESTION

Observe the shape below. Then answer the following questions.



What fraction of the shape is shaded?

What percent of the shape is not shaded?

2. QUESTION

A piece of ribbon is 7.3 m long. What will be the length of 5 similar pieces?

.

Answer = _____

3. QUESTION

Type your answer in the space provided for each of the following questions.

20% of 80 =

$\frac{2}{10} + \frac{7}{100} =$

4. QUESTION

Select the two equivalent fractions.

$1/2$

$3/5$

$6/10$

$1/4$

5. QUESTION

Express $8\frac{3}{4}$ as an improper fraction.

Answer = _____

6. QUESTION

What is the place value of the underlined digit?

345.67

Answer = _____

7. QUESTION

Write the time using the 24 hour clock.

4:00 p.m. is written as _____

8. QUESTION

Calculate the total weight, in kilograms, of the two items shown below.



Banana is 350 g.



two coffee bags are 2750 g.

Answer = _____

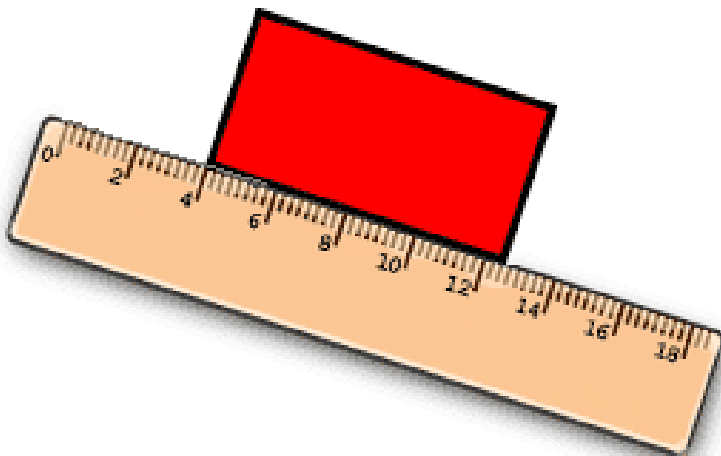
9. QUESTION

Write in the sign to complete the statement correctly. < or > or =

$$\frac{2}{3} [\quad] \frac{4}{5}$$

10. QUESTION

What is the approximate length of the red box?



Answer = _____

11. QUESTION

A painter earns \$15 per hr. He works 5 days a week from 7 a.m to 3 p.m. each day.

a. How many hours does he work each day?



Answer= _____.

b. How much money will he earn a day?

Answer = _____

c. What will be his salary for the week?

Answer = _____

d. He works for two weeks, but was sick on one of his working days. What will be his salary for the two weeks?

Answer = _____

12. QUESTION

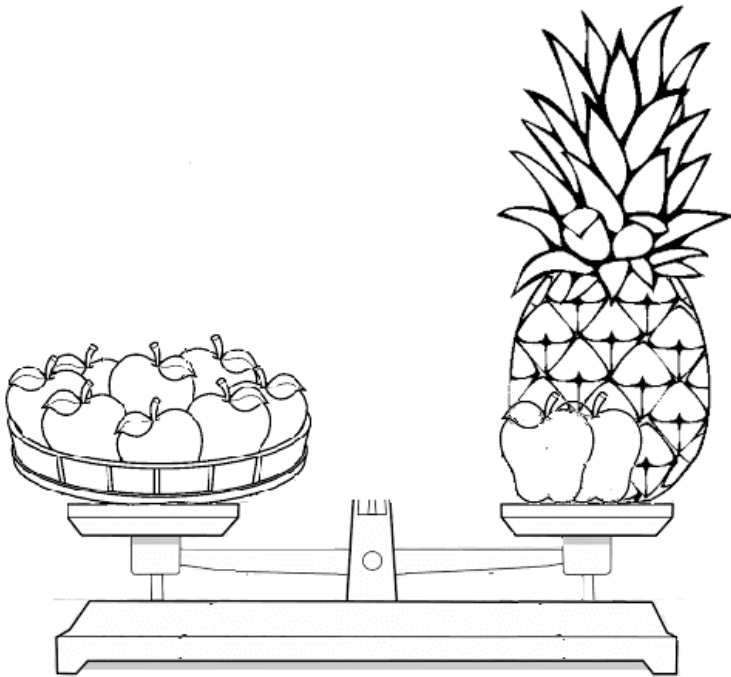
1 point(s)

A play starts at 10:45 a.m. and Lucy is 25 minutes early. what time did Lucy arrive at the play?

Answer = _____

13. QUESTION

The scale below is balanced. The weight is balanced at exactly 1200 g.



a. What is the weight of one apple in grams?

Answer=_____

b. What is the weight of the pineapple in grams?

Answer=_____

14. QUESTION

If 5 cakes are cut into eighths, how many pieces would you get?

Answer = _____

15. QUESTION

Complete the following number statement.

$$\frac{\mathbf{2}}{\mathbf{3}} = \frac{\mathbf{x}}{\mathbf{12}}$$

Answer = _____

16. QUESTION

Four digits are shown below.

3 8 5 4

Using each digit only once, answer the following:

- The smallest four-digit number is _____.
- The largest four-digit even number is _____.

17. QUESTION

$\frac{2}{3}$ of Martin's money is \$46. How much is all of his money?

Answer = _____

18. QUESTION

Which solid has 8 vertices?



19. QUESTION

Vinny bought 10 boxes of soda drinks (purchased at \$240) to sell. He sells all the bottles of sodas at \$10.50 each. Answer the following questions.



a. Did Vinny make a profit or loss?

Answer: _____

b. How much?

Answer: _____

c. What is his profit or loss percent?

Answer=_____

20. QUESTION

The area of a rectangular garden is 36 m^2 . If the length is 9 m ,

- a) What is the breadth of the garden?

Answer: breadth = _____

- b) What is the perimeter of the garden?

Answer: Area _____

- c) How much would it cost to place a wire fence around the garden if the fence cost $\$12.00$ a metre?

Answer = _____