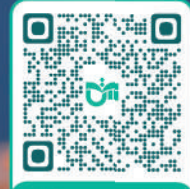


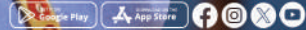


اختيارك  
الأول في  
مصر



ذاكر معنا

شركة التأسيس السليم



APRIL EXAMS  
REVISIONS

# Mathematics



Test (1)



1 Choose the correct answer:

(1) The fraction of the colored part in  is .....

- (a)  $\frac{5}{6}$                       (b)  $\frac{1}{6}$                       (c)  $\frac{5}{5}$                       (d)  $\frac{1}{5}$

(2)  $1 = \dots\dots\dots$  fourths.

- (a) 1                      (b) 2                      (c) 10                      (d) 4

(3) Quarter a watermelon  quarter a lemon.

- (a) >                      (b) <                      (c) =

(4) The shape  is divided into .....

- (a) Halves                      (b) Thirds                      (c) Fourths                      (d) Fifths

(5)  $\frac{1}{5}$  of 20 = .....

- (a) 100                      (b) 5                      (c) 15                      (d) 4

(6)  $\frac{6}{7}$    $\frac{6}{\dots\dots\dots}$

- (a) 6                      (b) 5                      (c) 8                      (d) 7

(7)  $\frac{4}{5} + \frac{\dots\dots\dots}{5} = 1$

- (a) 1                      (b) 4                      (c) 5                      (d) 10

(8)  $\frac{3}{7} - \frac{2}{7} = \dots\dots\dots$



- (a)  $\frac{5}{7}$                       (b)  $\frac{7}{5}$                       (c)  $\frac{0}{7}$                       (d)  $\frac{1}{7}$

(9) Half =  $\frac{\dots\dots\dots}{14}$

- (a) 4                      (b) 10                      (c) 7                      (d) 6



2 Answer the following:

- (1) Ms. Lobna has 7 markers that she uses to draw on the white board. 3 of them are black , and 4 of them are red .

What fraction of the markers are red?

Draw Model	The fraction =
------------	----------------

- (2) Represent  $[\frac{1}{2}, \frac{5}{6}, \frac{8}{8}, \frac{1}{3}]$  on the following number line.



- (3) Compare the two fractions  $\frac{3}{4}$    $\frac{1}{4}$  (Using models)

Draw it

- (4) Magdy ran  $\frac{2}{6}$  of a kilometer, and his friend Mazin ran  $\frac{3}{6}$  of a kilometer. What fraction of a kilometer did they both run?

Model	Answer
-------	--------

Magdy and Mazin ran  $\frac{\dots}{\dots}$  of a kilometer.

(5) Discover the pattern and complete the missing number:

$$\frac{3}{4} = \frac{6}{\dots} = \frac{\dots}{12} = \frac{12}{\dots}$$

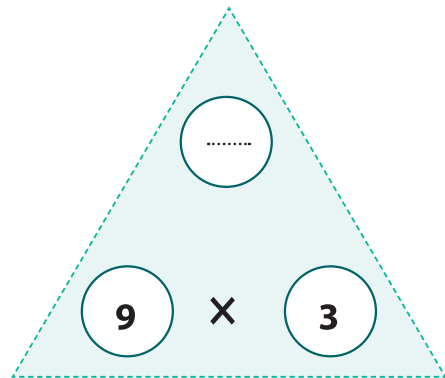
(6) Nadia had 30 pieces of gum  to share with her and her 5 friends.  
How many pieces will each person get?

Each person will get = ..... ÷ ..... = ..... pieces.

Whole = .....					

(7) Find the product and complete the number sentences of the fact family:

$9 \times 3 = \dots$
$\dots \times \dots = \dots$
$\dots \div \dots = \dots$
$\dots \div \dots = \dots$



Test (2)

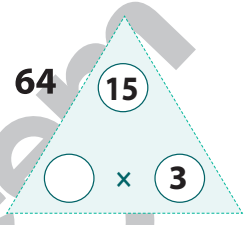


1 Choose the correct answer:

(1) The area of the square is ..... cm. 

- (a) 45                      (b) 24                      (c) 48                      (d) 64

(2) The missing factor in the fact family is .....



- (a) 5                      (b) 3                      (c) 45                      (d) 18

(3) The fraction  $\frac{3}{5}$  has ..... in its denominator.

- (a) 100                      (b) 5                      (c) 15                      (d) 4

(4) The fraction which represents the colored part is .....



- (a)  $\frac{1}{4}$                       (b)  $\frac{1}{3}$                       (c)  $\frac{1}{2}$                       (d)  $\frac{1}{6}$

(5)  $\frac{1}{4}$  of day = ..... hours.

- (a)  $\frac{1}{4}$                       (b) 6                      (c) 8                      (d) 3

(6)  $\frac{2}{9}$   .....

- (a)  $\frac{1}{9}$                       (b)  $\frac{2}{10}$                       (c)  $\frac{2}{9}$                       (d)  $\frac{4}{9}$

(7)  $\frac{2}{3} + \frac{1}{3}$    $\frac{2}{6} - \frac{1}{6}$

- (a) >                      (b) <                      (c) =

(8)  $\frac{10}{10} = \frac{\dots}{3}$

- (a) 10                      (b) 1                      (c) 30                      (d) 3

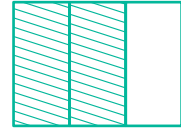
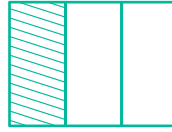
(9)  $\frac{4}{20} = \frac{2}{\dots}$

- (a) 10                      (b) 4                      (c) 5                      (d) 20



2 Answer the following:

(1) Look at the fractions:



Decide which fraction is the greatest.

$$\frac{1}{3}$$

$$\frac{2}{3}$$

Circle the correct fraction.

(2) A water bottle is  $\frac{7}{8}$  full. Sara drank  $\frac{6}{8}$  of the bottle.

How much water is left?

**Draw Model**

**Solve it**

.....  
 — of the water is left.  
 .....

(3) How many tenths are equivalent to  $\frac{1}{2}$  ?      Answer = .....

(4) Represent  $\frac{9}{10}$  on the following number line.



(5) Complete the equivalent fractions:  $\frac{2}{5} = \frac{\dots}{10} = \frac{6}{\dots} = \frac{\dots}{20}$

(6) It rained four days last week. what fraction of the week did it rain?

**Draw Model**


**The fraction**

(7) Which one contain more water?      Half a cup of water or half pool.

Test (3)



1 Choose the correct answer:

- (1) The fraction which represents the red part of the flag is 
- (a) Half                      (b) Third                      (c) Fourth                      (d) Two thirds
- (2) One whole = ..... fifths.
- (a) 1                      (b) 2                      (c) 5                      (d) 4
- (3)  $\frac{1}{3}$  of 9   $\frac{1}{9}$  of 27
- (a) >                      (b) <                      (c) =
- (4) .....   $\frac{1}{6}$
- (a)  $\frac{1}{5}$                       (b)  $\frac{1}{4}$                       (c)  $\frac{1}{6}$                       (d)  $\frac{1}{9}$
- (5)  $\frac{3}{3} +$  ..... = 1
- (a) 1                      (b)  $\frac{1}{3}$                       (c) 0                      (d)  $\frac{1}{2}$
- (6)  $1 - \frac{4}{9} =$  .....
- (a)  $\frac{4}{9}$                       (b)  $\frac{5}{9}$                       (c)  $\frac{5}{5}$                       (d)  $\frac{9}{9}$
- (7)  $\frac{1}{2}$  is equivalent to ..... eighths.
- (a) 4                      (b) 10                      (c) 20                      (d) 1
- (8)  $\frac{21}{30} = \frac{\text{.....}}{10}$
- (a) 3                      (b) 5                      (c) 7                      (d) 2
- (9)  $\frac{3}{3}$    $\frac{8}{8}$
- (a) >                      (b) <                      (c) =

2 Answer the following:

(1) Shady studied Math for  $\frac{6}{12}$  of an hour and studied discover for  $\frac{3}{12}$  of an hour.

➔ Which subject he spend more time studying? Math OR Discover

➔ Put the correct sign ( $>$ ,  $<$  or  $=$ ) and circle the suitable subject:

$$\frac{6}{12} \quad \square \quad \frac{3}{12}$$

Model	
Math	
Discover	

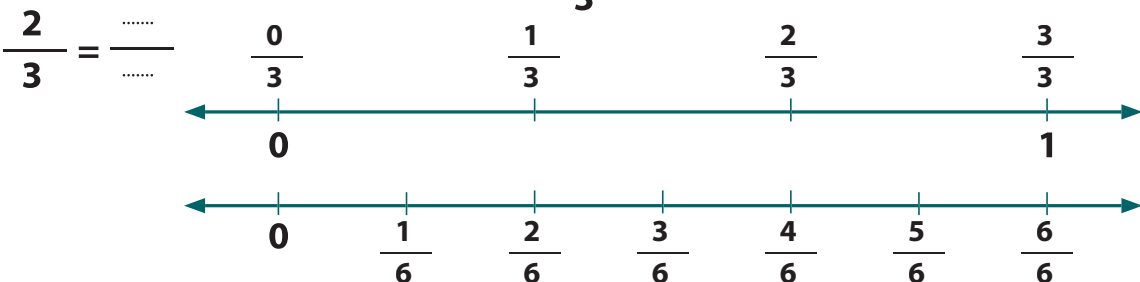
(2) Divide the number line into third:



(3) Fill in the blanks to complete each fact family?

$4 \times 3 = \dots\dots\dots$	$7 \times \dots\dots\dots = 28$	$\dots\dots\dots \times 6 = 48$
$3 \times \dots\dots\dots = 12$	$4 \times \dots\dots\dots = 28$	$6 \times 8 = \dots\dots\dots$
$12 \div \dots\dots\dots = 3$	$28 \div 7 = \dots\dots\dots$	$\dots\dots\dots \div 8 = 6$
$12 \div 3 = \dots\dots\dots$	$28 \div 4 = \dots\dots\dots$	$48 \div \dots\dots\dots = 8$

(4) Show the equivalent fraction of  $\frac{2}{3}$  on the second number line:



(5) Which of the following is not equivalent to  $\frac{3}{6}$  ?

[  $\frac{1}{2}$  Or  $\frac{5}{3}$  Or  $\frac{2}{4}$  Or  $\frac{5}{10}$  ]

(6) Would you prefer get  $\frac{1}{4}$  or  $\frac{1}{8}$  of chocolate bar if you like chocolate?

Solution: .....

(7) Mayar wants to distribute her 32 toys into boxes.

How many boxes would she need if she put four toys in every box?

Model	Answer
Whole: 32	..... ÷ .....
<input type="text"/>	= ..... boxes.



ذاكرنا  
معانا

فيديوهات شرح

مراجعات

تدريبات

Test (4)



1 Choose the correct answer:

(1) The fraction represented on the number line is



- (a)  $\frac{5}{10}$       (b)  $\frac{1}{5}$       (c)  $\frac{1}{2}$       (d)  $\frac{3}{9}$

(2)  $\frac{1}{5}$  of ..... = 5

- (a) 5      (b) 25      (c) 20      (d) 1

(3)  $\frac{4}{5}$    $\frac{4}{7}$

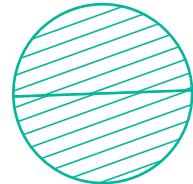
- (a) >      (b) <      (c) =

(4)  $1 = \frac{18}{\dots}$

- (a) 1      (b) 18      (c) 8      (d) 10

(5)  $\frac{1}{3}$  of an hour   $\frac{1}{3}$  of a day.

- (a) >      (b) <      (c) =



(6) The name of the equal parts in the shape .....

- (a) Whole      (b) Halves      (c) Thirds      (d) Fourths

(7) ..... of the set are stars.



- (a)  $\frac{1}{2}$       (b)  $\frac{3}{5}$       (c)  $\frac{1}{5}$       (d)  $\frac{2}{5}$

(8) The perimeter of the rectangle of length 8 cm and width 2 cm is

- (a) 17      (b) 7      (c) 14      (d) 20

(9)  $\frac{0}{16} = \dots$

- (a) 1      (b) 0      (c) 16      (d) 6

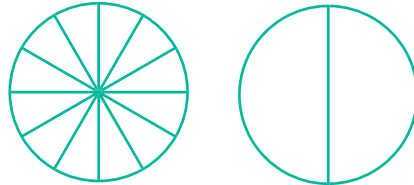


2 Answer the following:

(1) Solve the problem. Shade the shapes to represent the given fractions:

$$\frac{6}{12} = \frac{\dots}{2}$$

(÷ 6)      (÷ 6)



(2) Which of the following shows an accurate comparison?

Choose the correct answer.

$$\frac{1}{4} > \frac{1}{2} \quad \text{Or} \quad \frac{3}{10} > \frac{7}{10} \quad \text{Or} \quad \frac{5}{6} > \frac{2}{6}$$

(3) Circle all of the fractions that are equivalent to one half:

$$\frac{7}{14}, \frac{2}{11}, \frac{2}{4}, \frac{3}{6}, \frac{6}{12}, \frac{2}{2}, \frac{5}{7}, \frac{5}{10}$$

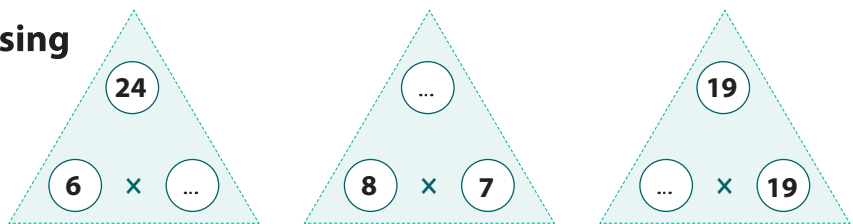
(4) Raneem had 36 L.E. She spent  $\frac{1}{4}$  of it. How much money did she spend?

Solution: .....

(5) Solve:  $\frac{8}{15} + \frac{2}{15} = \frac{\dots}{\dots}$        $\frac{13}{17} - \frac{6}{17} = \frac{\dots}{\dots}$

(6) Write the number missing

from each fact family:



(7) There was a pizza party at Noraan's home. Noraan divided the pizza into 8 eighths. Her friends ate  $\frac{5}{8}$  of the pizza.

What fraction of the pizza was left?

Model it:

Solve it:

.....  
 — slices of the pizza are left.  
 .....

Test (5)



1 Choose the correct answer:

(1) The fraction which represents the colored part is .....



- (a)  $\frac{10}{16}$       (b)  $\frac{6}{18}$       (c)  $\frac{1}{2}$       (d)  $\frac{8}{8}$

(2)  $1 = \frac{\dots}{10}$

- (a) 10      (b) 1      (c) 3      (d) 2

(3)  $\frac{2}{3} <$  .....

- (a)  $\frac{2}{4}$       (b)  $\frac{1}{5}$       (c)  $\frac{1}{3}$       (d)  $\frac{2}{2}$

(4)  $\frac{5}{18} + \frac{3}{18} = \frac{\dots}{\dots}$

- (a)  $\frac{8}{36}$       (b)  $\frac{2}{18}$       (c)  $\frac{8}{18}$       (d)  $\frac{2}{8}$

(5)  $\frac{6}{11} = \frac{\dots}{\dots} - \frac{3}{11}$

- (a)  $\frac{9}{11}$       (b)  $\frac{3}{11}$       (c)  $\frac{5}{11}$       (d)  $\frac{1}{11}$

(6)  $1 \times 12$    $12 \times 1$

- (a)  $>$       (b)  $<$       (c)  $=$

(7) Fifth of 20 is .....

- (a) 3      (b) 5      (c) 2      (d) 4

(8)  $9 \times \dots = 9$

- (a) 0      (b) 9      (c) 1      (d)  $\frac{1}{2}$

(9) In a unit fraction, the numerator is .....

- (a) 0      (b) 1      (c) 2      (d) none



2 Answer the following:

(1) Write 3 equivalent fractions to  $\frac{2}{3} \Rightarrow \frac{\dots}{\dots}, \frac{\dots}{\dots}, \frac{\dots}{\dots}$

(2) Draw a number line and divide it into halves, then mark the fraction which is equivalent to  $\frac{1}{2}$

(3) look at the two fraction models in each box

➔ Write the fraction.

➔ Put > , < or = to compare the fraction.



$\frac{\dots}{\dots}$    $\frac{\dots}{\dots}$

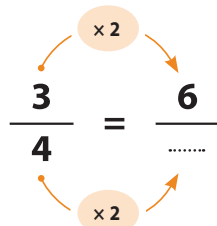
(4) Rama eats  $\frac{1}{2}$  of a pizza. Hagar eats  $\frac{3}{4}$  of a pizza.

If the pizzas are the same size, who ate more pizza?

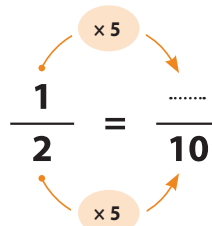
Draw it

..... eats more than .....

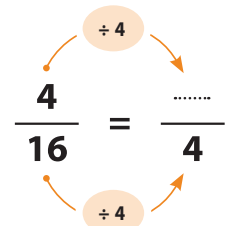
(5) fill in the missing gaps:  $\frac{3}{4} = \frac{6}{\dots}$



$\frac{1}{2} = \frac{\dots}{10}$



$\frac{4}{16} = \frac{\dots}{4}$

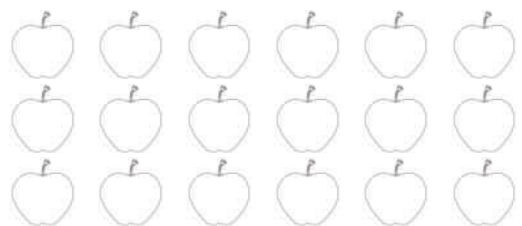


(6) Out of five children, two have a cold. what fraction of children have a cold?

Draw Model

The fraction

(7)  $\frac{18}{18}$  is the whole set of apples.  
Shade  $\frac{6}{18}$  of the apples.



The fraction of uncolored apples =  $\frac{\dots}{\dots}$



علوم

اللغة العربية

# الإجابات النموذجية

الرياضيات

MATHEMATICS

الدراسات الاجتماعية

التربية الدينية

المهارات المهنية

تكنولوجيا المعلومات  
والاتصالات



مراجعات  
شهر  
أبريل





Test (1)




1 Choose the correct answer:

- (1) The fraction of the colored part in  is .....
- (a)  $\frac{5}{6}$       (b)  $\frac{1}{6}$       (c)  $\frac{5}{5}$       (d)  $\frac{1}{5}$
- (2)  $1 = \dots\dots\dots$  fourths.
- (a) 1      (b) 2      (c) 10      (d) 4
- (3) Quarter a watermelon  quarter a lemon.
- (a) >      (b) <      (c) =
- (4) The shape  is divided into .....
- (a) Halves      (b) Thirds      (c) Fourths      (d) Fifths
- (5)  $\frac{1}{5}$  of 20 = .....
- (a) 100      (b) 5      (c) 15      (d) 4
- (6)  $\frac{6}{7}$    $\frac{6}{\dots\dots}$
- (a) 6      (b) 5      (c) 8      (d) 7
- (7)  $\frac{4}{5} + \frac{\dots\dots}{5} = 1$
- (a) 1      (b) 4      (c) 5      (d) 10
- (8)  $\frac{3}{7} - \frac{2}{7} = \dots\dots$
- (a)  $\frac{5}{7}$       (b)  $\frac{7}{5}$       (c)  $\frac{0}{7}$       (d)  $\frac{1}{7}$
- (9) Half =  $\frac{\dots\dots}{14}$
- (a) 4      (b) 10      (c) 7      (d) 6

2 Answer the following:

- (1) Ms. Lobna has 7 markers that she uses to draw on the whiteboard. 3 of them are black , and 4 of them are red .

What fraction of the markers are red?

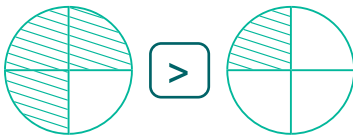
<p>Draw Model</p> 	<p>The fraction =</p> $\frac{4}{7}$
--	-------------------------------------

- (2) Represent  $[\frac{1}{2}, \frac{5}{6}, \frac{8}{8}, \frac{1}{3}]$  on the following number line.



- (3) Compare the two fractions  $\frac{3}{4} > \frac{1}{4}$  (Using models)

Draw it



- (4) Magdy ran  $\frac{2}{6}$  of a kilometer, and his friend Mazin ran  $\frac{3}{6}$  of a kilometer. What fraction of a kilometer did they both run?

<p>Model</p> <table style="width: 100%;"> <tr> <td style="text-align: center;"> <p>Magdy</p>  <math>\frac{2}{6}</math> </td> <td style="text-align: center;"> <p>Mazin</p>  <math>\frac{3}{6}</math> </td> </tr> </table>	<p>Magdy</p>  $\frac{2}{6}$	<p>Mazin</p>  $\frac{3}{6}$	<p>Answer</p> $\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$
<p>Magdy</p>  $\frac{2}{6}$	<p>Mazin</p>  $\frac{3}{6}$		

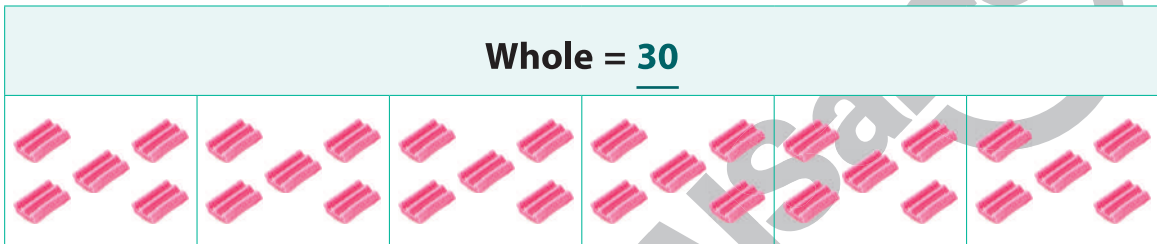
Magdy and Mazin ran  $\frac{5}{6}$  of a kilometer.

(5) Discover the pattern and complete the missing number:

$$\frac{3}{4} = \frac{6}{8} = \frac{9}{12} = \frac{12}{16}$$

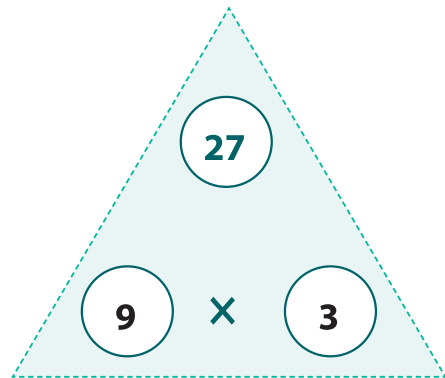
(6) Nadia had 30 pieces of gum  to share with her and her 5 friends.  
How many pieces will each person get?

Each person will get =  $30 \div 6 = 5$  pieces.



(7) Find the product and complete the number sentences of the fact family:


$9 \times 3 = 27$
$3 \times 9 = 27$
$27 \div 3 = 9$
$27 \div 9 = 3$



Test (2)



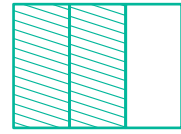
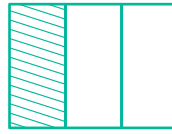
1 Choose the correct answer:

- (1) The area of the square is ..... cm.  8 cm
- (a) 45                      (b) 24                      (c) 48                      (d) 64
- (2) The missing factor in the fact family is .....
- (a) 5                      (b) 3                      (c) 45                      (d) 18
- (3) The fraction  $\frac{3}{5}$  has ..... in its denominator.
- (a) 100                      (b) 5                      (c) 15                      (d) 4
- (4) The fraction which represents the colored part is .....
- (a)  $\frac{1}{4}$                       (b)  $\frac{1}{3}$                       (c)  $\frac{1}{2}$                       (d)  $\frac{1}{6}$
- (5)  $\frac{1}{4}$  of day = ..... hours.
- (a)  $\frac{1}{4}$                       (b) 6                      (c) 8                      (d) 3
- (6)  $\frac{2}{9}$   .....
- (a)  $\frac{1}{9}$                       (b)  $\frac{2}{10}$                       (c)  $\frac{2}{9}$                       (d)  $\frac{4}{9}$
- (7)  $\frac{2}{3} + \frac{1}{3}$    $\frac{2}{6} - \frac{1}{6}$
- (a) >                      (b) <                      (c) =
- (8)  $\frac{10}{10} = \frac{\dots}{3}$
- (a) 10                      (b) 1                      (c) 30                      (d) 3
- (9)  $\frac{4}{20} = \frac{2}{\dots}$
- (a) 10                      (b) 4                      (c) 5                      (d) 20



2 Answer the following:

(1) Look at the fractions:



Decide which fraction is the greatest.

Circle the correct fraction.

$$\frac{1}{3}$$

$$\frac{2}{3}$$

(2) A water bottle is  $\frac{7}{8}$  full. Sara drank  $\frac{6}{8}$  of the bottle.

How much water is left?

Draw Model



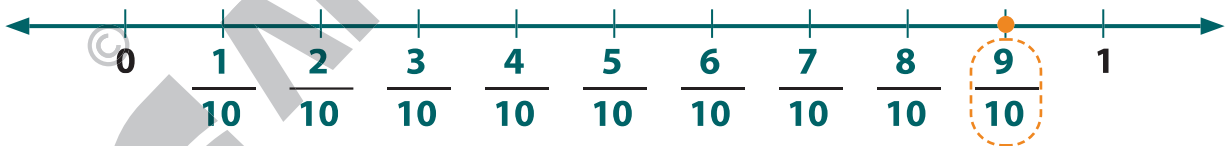
Solve it

$$\frac{7}{8} - \frac{6}{8} = \frac{1}{8}$$

$\frac{1}{8}$  of the water is left.

(3) How many tenths are equivalent to  $\frac{1}{2}$  ? Answer = 5 tenths.

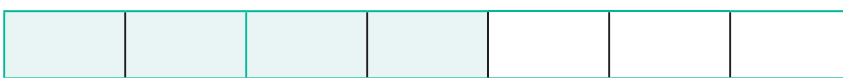
(4) Represent  $\frac{9}{10}$  on the following number line.



(5) Complete the equivalent fractions:  $\frac{2}{5} = \frac{4}{10} = \frac{6}{15} = \frac{8}{20}$

(6) It rained four days last week. what fraction of the week did it rain?

Draw Model



The fraction =


$$\frac{4}{7}$$

(7) Which one contain more water? Half a cup of water or half pool.

Test (3)



1 Choose the correct answer:

- (1) The fraction which represents the red part of the flag is 
- (a) Half      (b) Third      (c) Fourth      (d) Two thirds
- (2) One whole = ..... fifths.
- (a) 1      (b) 2      (c) 5      (d) 4
- (3)  $\frac{1}{3}$  of 9   $\frac{1}{9}$  of 27
- (a) >      (b) <      (c) =
- (4) .....   $\frac{1}{6}$
- (a)  $\frac{1}{5}$       (b)  $\frac{1}{4}$       (c)  $\frac{1}{6}$       (d)  $\frac{1}{9}$
- (5)  $\frac{3}{3} + \dots = 1$
- (a) 1      (b)  $\frac{1}{3}$       (c) 0      (d)  $\frac{1}{2}$
- (6)  $\frac{9}{9} - \frac{4}{9} = \dots$
- (a)  $\frac{4}{9}$       (b)  $\frac{5}{9}$       (c)  $\frac{5}{5}$       (d)  $\frac{9}{9}$
- (7)  $\frac{1}{2}$  is equivalent to ..... eighths.
- (a) 4      (b) 10      (c) 20      (d) 1
- (8)  $\frac{21}{30} = \frac{\dots}{10}$
- (a) 3      (b) 5      (c) 7      (d) 2
- (9)  $\frac{3}{3}$    $\frac{8}{8}$
- (a) >      (b) <      (c) =

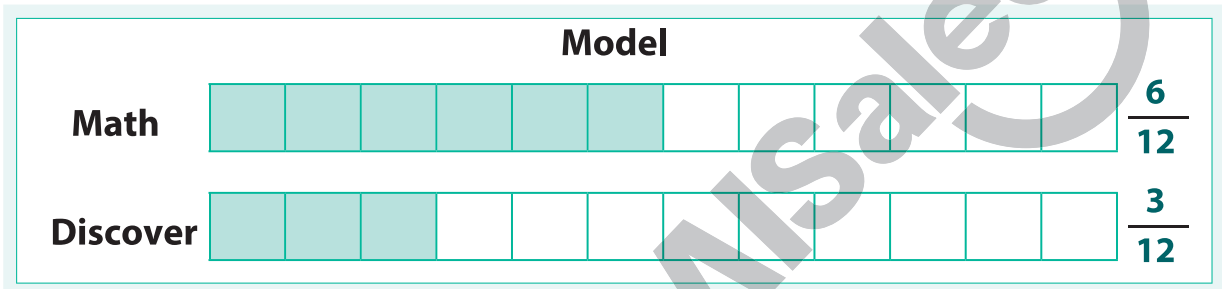
2 Answer the following:

(1) Shady studied Math for  $\frac{6}{12}$  of an hour and studied discover for  $\frac{3}{12}$  of an hour.

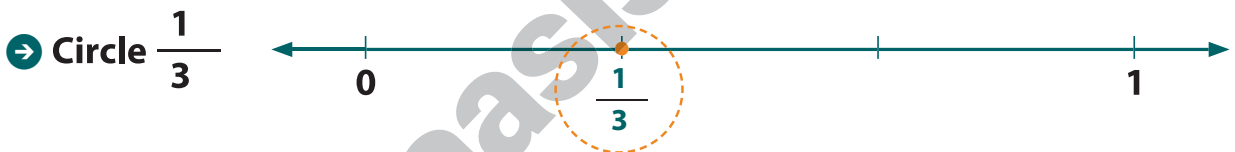
➔ Which subject he spend more time studying? **Math** OR Discover

➔ Put the correct sign ( $>$ ,  $<$  or  $=$ ) and circle the suitable subject:

$$\frac{6}{12} > \frac{3}{12}$$



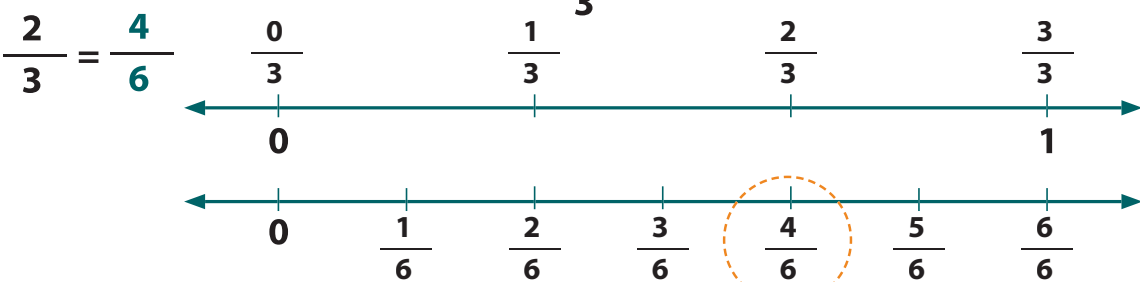
(2) Divide the number line into third:



(3) Fill in the blanks to complete each fact family?

$4 \times 3 = 12$	$7 \times 4 = 28$	$8 \times 6 = 48$
$3 \times 4 = 12$	$4 \times 7 = 28$	$6 \times 8 = 48$
$12 \div 4 = 3$	$28 \div 7 = 4$	$48 \div 8 = 6$
$12 \div 3 = 4$	$28 \div 4 = 7$	$48 \div 6 = 8$

(4) Show the equivalent fraction of  $\frac{2}{3}$  on the second number line:



(5) Which of the following is not equivalent to  $\frac{3}{6}$  ?

[  $\frac{1}{2}$  Or  $\frac{5}{3}$  Or  $\frac{2}{4}$  Or  $\frac{5}{10}$  ]

(6) Would you prefer get  $\frac{1}{4}$  or  $\frac{1}{8}$  of chocolate bar if you like chocolate?

Solution:  $\frac{1}{4}$  cause  $\frac{1}{4} > \frac{1}{8}$

(7) Mayar wants to distribute her 32 toys into boxes.

How many boxes would she need if she put four toys in every box?

Model								Answer
Whole: 32								$32 \div 4 =$
4	4	4	4	4	4	4	4	8 boxes.



# ذاكرنا معانا

فيديوهات شرح

مراجعات

تدريبات

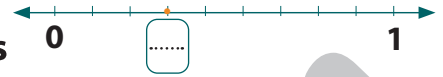


Test (4)



1 Choose the correct answer:

(1) The fraction represented on the number line is



- (a)  $\frac{5}{10}$       (b)  $\frac{1}{5}$       (c)  $\frac{1}{2}$       (d)  $\frac{3}{9}$

(2)  $\frac{1}{5}$  of ..... = 5

- (a) 5      (b) 25      (c) 20      (d) 1

(3)  $\frac{4}{5}$    $\frac{4}{7}$

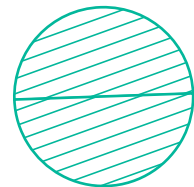
- (a) >      (b) <      (c) =

(4)  $1 = \frac{18}{\dots}$

- (a) 1      (b) 18      (c) 8      (d) 10

(5)  $\frac{1}{3}$  of an hour   $\frac{1}{3}$  of a day.

- (a) >      (b) <      (c) =



(6) The name of the equal parts in the shape .....

- (a) Whole      (b) Halves      (c) Thirds      (d) Fourths

(7) ..... of the set are stars.



- (a)  $\frac{1}{2}$       (b)  $\frac{3}{5}$       (c)  $\frac{1}{5}$       (d)  $\frac{2}{5}$

(8) The perimeter of the rectangle of length 8 cm and width 2 cm is

$$P = 2 \times (L + W) = 2 \times (8 + 2) = 2 \times 10 = 20$$

- (a) 17      (b) 7      (c) 14      (d) 20

(9)  $\frac{0}{16} = \dots$

- (a) 1      (b) 0      (c) 16      (d) 6

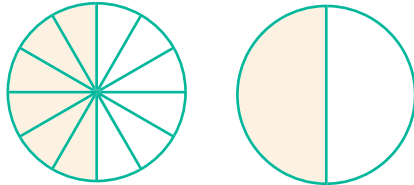


2 Answer the following:

- (1) Solve the problem. Shade the shapes to represent the given fractions:

$$\frac{6}{12} = \frac{1}{2}$$

Diagram showing the simplification of  $\frac{6}{12}$  to  $\frac{1}{2}$  by dividing both numerator and denominator by 6.



- (2) Which of the following shows an accurate comparison?

Choose the correct answer.

$$\frac{1}{4} > \frac{1}{2} \quad \text{Or} \quad \frac{3}{10} > \frac{7}{10} \quad \text{Or} \quad \frac{5}{6} > \frac{2}{6}$$

- (3) Circle all of the fractions that are equivalent to one half:

$\frac{7}{14}$ ,  $\frac{2}{11}$ ,  $\frac{2}{4}$ ,  $\frac{3}{6}$ ,  $\frac{6}{12}$ ,  $\frac{2}{2}$ ,  $\frac{5}{7}$ ,  $\frac{5}{10}$

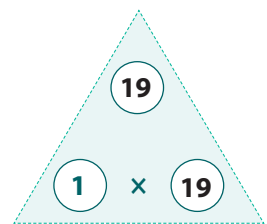
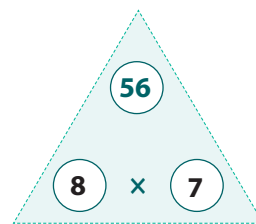
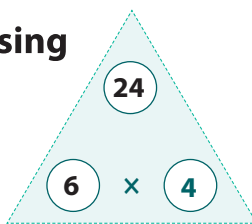
- (4) Raneem had 36 L.E. She spent  $\frac{1}{4}$  of it. How much money did she spend?

Solution:  $\frac{1}{4}$  of 36 =  $36 \div 4 = 9$  L.E.

- (5) Solve:  $\frac{8}{15} + \frac{2}{15} = \frac{10}{15}$        $\frac{13}{17} - \frac{6}{17} = \frac{7}{17}$

- (6) Write the number missing

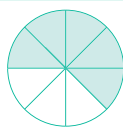
from each fact family:



- (7) There was a pizza party at Noraan's home. Noraan divided the pizza into 8 eighths. Her friends ate  $\frac{5}{8}$  of the pizza.

What fraction of the pizza was left?

Model it:



Solve it:

$$\frac{8}{8} - \frac{5}{8} = \frac{3}{8}$$

$\frac{3}{8}$  slices of the pizza are left.

Test (5)



1 Choose the correct answer:

(1) The fraction which represents the colored part is .....



(a)  $\frac{10}{16}$

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

(c)  $\frac{1}{2}$

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

(2)  $1 = \frac{\dots}{10}$

(a) 10

(b) 1

(c) 3

(d) 2

(3)  $\frac{2}{3} <$  .....

(a)  $\frac{2}{4}$

(b)  $\frac{1}{5}$

(c)  $\frac{1}{3}$

(d)  $\frac{2}{2}$

(4)  $\frac{5}{18} + \frac{3}{18} = \frac{\dots}{\dots}$

(a)  $\frac{8}{36}$

(b)  $\frac{2}{18}$

(c)  $\frac{8}{18}$

(d)  $\frac{2}{8}$

(5)  $\frac{6}{11} = \frac{\dots}{\dots} - \frac{3}{11}$

(a)  $\frac{9}{11}$

(b)  $\frac{3}{11}$

(c)  $\frac{5}{11}$

(d)  $\frac{1}{11}$

(6)  $1 \times 12$    $12 \times 1$

(a) >

(b) <

(c) =

(7) Fifth of 20 is .....

(a) 3

(b) 5

(c) 2

(d) 4

(8)  $9 \times \dots = 9$

(a) 0

(b) 9

(c) 1

(d)  $\frac{1}{2}$

(9) In a unit fraction, the numerator is .....

(a) 0

(b) 1

(c) 2

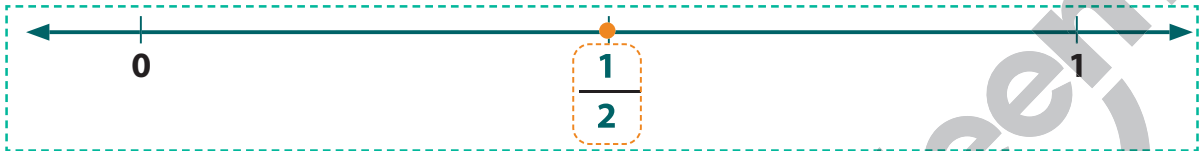
(d) none



2 Answer the following:

(1) Write 3 equivalent fractions to  $\frac{2}{3} \Rightarrow \frac{4}{6}, \frac{10}{15}, \frac{20}{30}$  (Answer may vary)

(2) Draw a number line and divide it into halves, then mark the fraction which is equivalent to  $\frac{1}{2}$

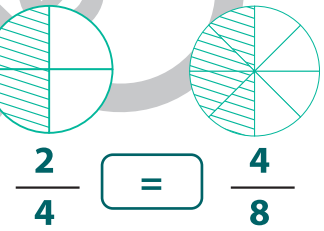


(3) look at the two fraction models in each box

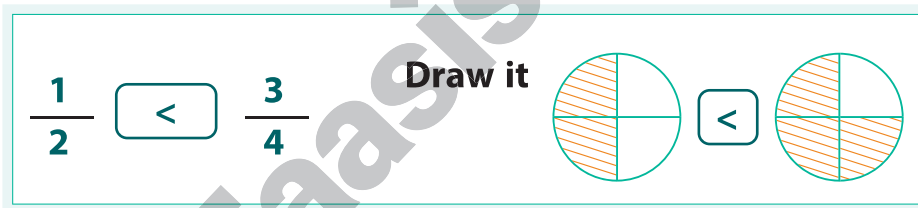
➔ Write the fraction.

➔ Put  $>$ ,  $<$  or  $=$  to compare the fraction.

(4) Rama eats  $\frac{1}{2}$  of a pizza. Hagar eats  $\frac{3}{4}$  of a pizza.

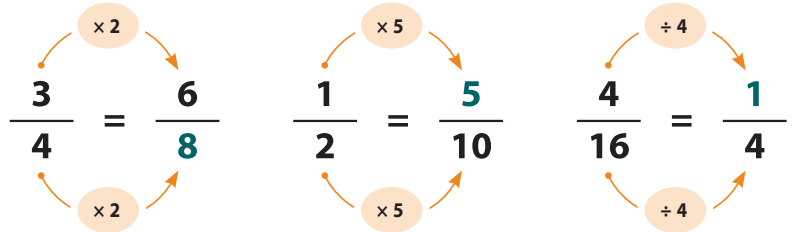


If the pizzas are the same size, who ate more pizza?

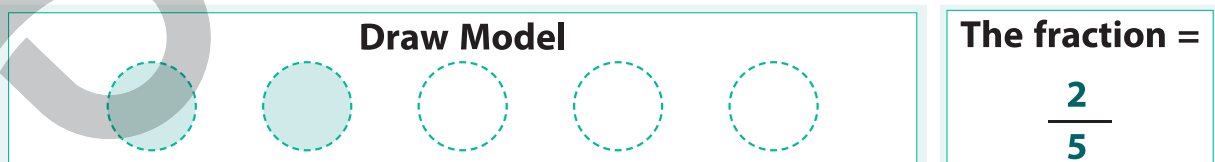


Hagar eats more than Rama

(5) fill in the missing gaps:



(6) Out of five children, two have a cold. what fraction of children have a cold?



(7)  $\frac{18}{18}$  is the whole set of apples.

Shade  $\frac{6}{18}$  of the apples.

The fraction of uncolored apples =  $\frac{12}{18}$

