

# Revision Exam (Math)- Performance task-1

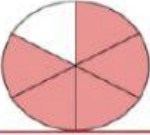
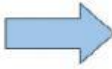


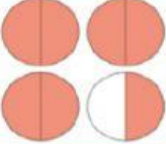

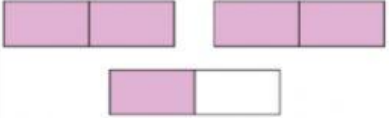

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Que1 : Write the below models into fraction


| Model  | Fraction   |
|--|--|
|   |  <div style="display: inline-block; border: 1px solid black; width: 40px; height: 20px; margin: 5px;"></div> <div style="display: inline-block; border: 1px solid black; width: 40px; height: 20px; margin: 5px;"></div>  |
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**Que.2:** A shopping mall is decorating for National Day.

They have 65 meters of UAE pennant flags to share equally among 12 stores.

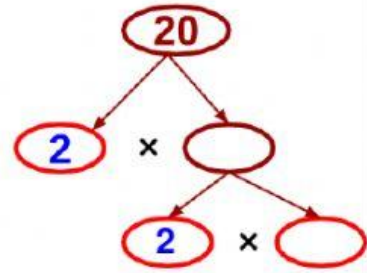
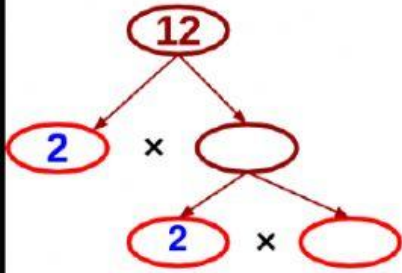
How many meters of pennant flags should each store receive?

Write the fraction  /

Write this as mixed fraction  /

The answer is between the whole numbers  and

Que 3: Find the GCF of 12 and 20

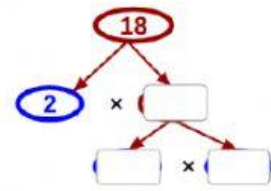
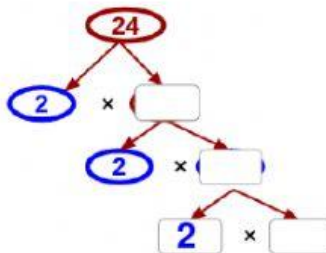
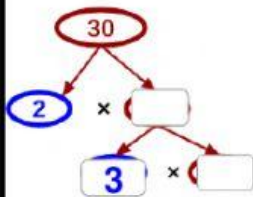


Prime factors of 12 =  ×  ×

Prime factors of 20 =  ×  ×

GCF =  ×  =

Que 4: Find the GCF of 30, 24 and 18



Prime factors of 30 =  ×  ×

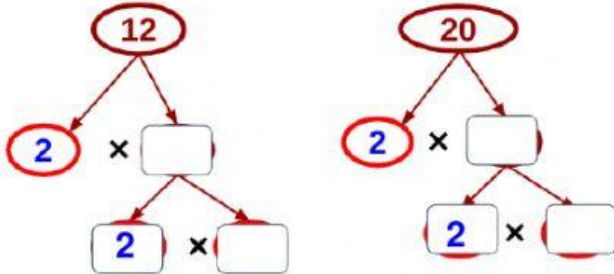
Prime factors of 24 =  ×  ×  ×

Prime factors of 18 =  ×  ×

GCF =  ×  =

Ques 5: Write the simplest form of  $\frac{12}{20}$

1. Find the GCF of 12 and 20



Prime factors of 12 =  ×  ×

Prime factors of 20 =  ×  ×

GCF =  ×  =

2. Divide by GCF up and down

$$\frac{12 \div \square}{20 \div \square} = \frac{\square}{\square}$$

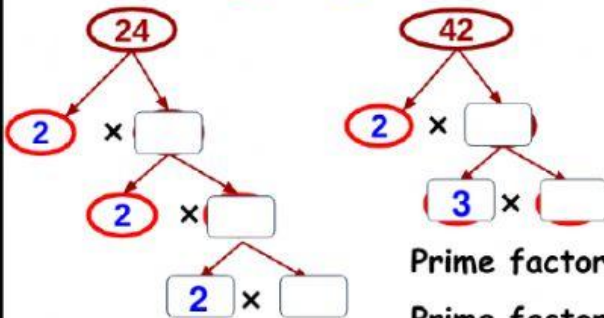
Ques 6: Musa runs 24 of 42 minutes of his training session.

(i) Write the fraction to represent this situation

(ii) Write the fraction into simplest form

(i) Fraction =  $\frac{\square}{42}$

Find the GCF of 24 and 42



Prime factors of 24 =  ×  ×  ×

Prime factors of 42 =  ×  ×

GCF =  ×  =

(ii). Divide by GCF up and down

$$\frac{24 \div \square}{42 \div \square} = \frac{\square}{\square}$$

Que7 : Find the LCM of 6 and 8 by listing the multiples

List the multiples

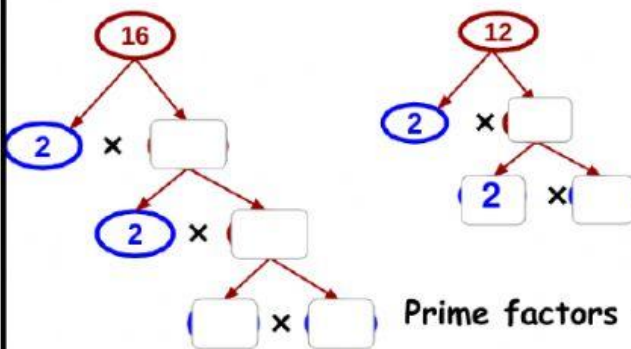
Multiples of 6 = 6, 12, , 24, , 36, 42, , 54, ...

Multiples of 8 = 8, , , 32, , 48, 56, ...

Common multiples of 6 and 8 = , , .....

Least common multiple (LCM) of 6 and 8 =

Que8: Find the LCM of 16 and 12 using prime factorization



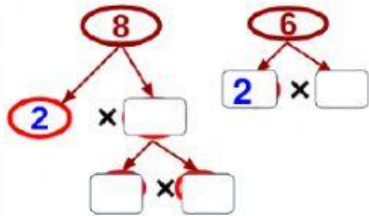
Prime factors of 16 =  ×  ×  ×

Prime factors of 12 =  ×  ×

LCM =  ×  × 2 × 2 ×   
=

Que9 : Compare  $\frac{7}{8}$  and  $\frac{5}{6}$

1. Find the **LCD** = **LCM** of  and



Prime factors of 8 =   $\times$    $\times$

Prime factors of 6 =   $\times$

LCM =   $\times$    $\times$    $\times$    
=

2. Find equivalent fractions by making denominator equal to **LCD**

$$\frac{7 \times \square}{8 \times \square} \text{ and } \frac{5 \times \square}{6 \times \square}$$

$$\frac{21}{24} \text{ and } \frac{\square}{\square}$$

3. Compare the numerators

$$\frac{21}{24} \square \frac{20}{24}$$

$$\frac{7}{8} \square \frac{5}{6}$$

Que10 : Write the below fractions into decimal

Write  $\frac{1}{2}$  as an equivalent fraction with denominator of 10 then write its decimal value

Step 1 Find an equivalent fraction with a denominator of 10.  $\frac{1}{2} = \frac{1 \times \text{Type}}{2 \times \text{Type}} = \frac{\text{Type}}{\text{Type}}$

Step 2 Write the fraction as a decimal.  $\frac{5}{10} = \text{Type}$

Write  $\frac{17}{20}$  as an equivalent fraction with denominator of 100 then write its decimal value

Step 1 Find an equivalent fraction with a denominator of 100.  $\frac{17}{20} = \frac{17 \times \text{Type}}{20 \times \text{Type}} = \frac{\text{Type}}{\text{Type}}$

Step 2 Write the fraction as a decimal.  $\frac{85}{100} = \text{Type}$