

## Year 6 Transition Number Work - due

Question 1 - ( 2 marks available )

Fill in the boxes to complete this multiplication:

$$\begin{array}{r} \phantom{1}8 \\ \times 63 \\ \hline 5 \\ \phantom{1} \\ \hline 1 \end{array}$$

Question 2 - ( 4 marks available )

Work out the answers to:

a)  $4.8 \times 9$

b)  $5.4 \times 0.2$

Question 3 - ( 2 marks available )

Work out the answer to

$$882 \div 14$$

Question 4 - ( 2 marks available )

Work out the answer to

$$227.2 \div 16$$

The 16 times table:

16  
32  
48  
64  
80  
96  
112  
128  
144  
160

Question 5 - ( 1 marks available )

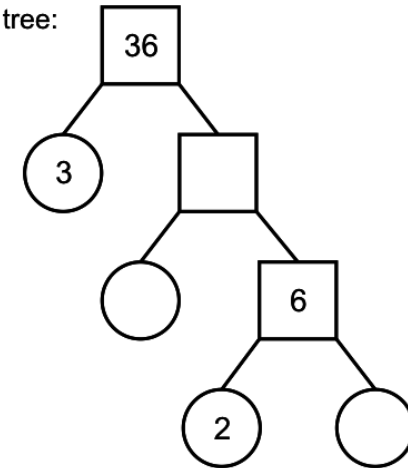
Here are some numbers:

4      6      7      15      21

Which number is a prime number?

Question 6 - ( 3 marks available )

a) Complete this prime factor tree:



b) Write 36 as a product of its prime factors.  
Write the factors in order, from smallest to largest.

Question 7 - ( 4 marks available )

a) List all the factors of 16.

b) List all the factors of 40.

c) What is the Highest Common Factor of 16 and 40?

Question 8 - ( 3 marks available )

a) List the first five multiples of 6.

b) List the first five multiples of 9.

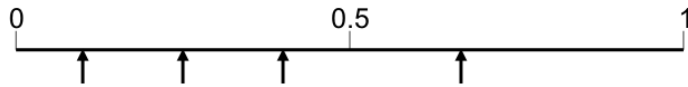
c) What is the Lowest Common Multiple of 6 and 9?

Question 9 - ( 2 marks available )

Here are four fractions.

A.  $\frac{2}{5}$       B.  $\frac{2}{3}$       C.  $\frac{1}{4}$       D.  $\frac{1}{10}$

Look at the number line below.  
Write the letter for each fraction in the correct box.



Question 10 - ( 2 marks available )

Work out

a)  $\frac{2}{5}$  of 60

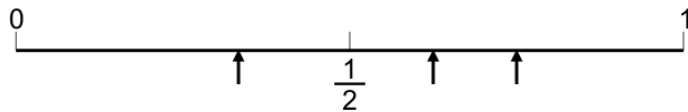
b)  $\frac{1}{4}$  of 60

Question 11 - ( 3 marks available )

Here are three fractions.

A.  $\frac{3}{4}$       B.  $\frac{1}{3}$       C.  $\frac{5}{8}$

Look at the number line below.  
Write the letter for each fraction in the correct box.



Question 12 - ( 1 marks available )

Convert  $\frac{7}{6}$  to a mixed number.

Question 13 - ( 2 marks available )

Work out

a)  $\frac{2}{8} + \frac{3}{8}$

b)  $\frac{5}{6} - \frac{4}{6}$

Question 14 - ( 2 marks available )

Work out

a)  $5 \times \frac{1}{8}$

b)  $\frac{1}{7} \times 6$

Question 15 - ( 2 marks available )

Work out

a)  $1 \div \frac{1}{9}$

b)  $3 \div \frac{1}{5}$