EQUIVALENT FRACTIONS, DECIMALS & PERCENTAGES

(c)   Write $\frac{1}{4}$ as a decimal $100 \div 4 = 25$ SO 0.25

Write 27% as a decimal $27\% = 0.27$

Write $\frac{1}{4}$, 27% and 0·23 in ascending order.

$0.23 , 0.25 , 0.27$

IN ORIGINAL FORM

$0.23, \frac{1}{4}, 27\%$

[3]

(c)   Write $\frac{1}{5}$ as a decimal. $100 \div 5 = 20$ SO 0.20

Write 24% as a decimal. $24\% = 0.24$

Write $\frac{1}{5}$, 24%, 0·18 in ascending order.

IN ORIGINAL FORM $0.18, \frac{1}{5}, 24\%$

[3]

(b)   Write $\frac{3}{4}$ as a decimal 0.75

Write 76% as a decimal 0.76

Write $\frac{3}{4}$, 76% and 0·72 in ascending order.

$0.72, \frac{3}{4}, 76\%$

[3]

(b)   Write 78% as a decimal 0.78

Write $\frac{3}{4}$ as a decimal 0.75

Write 78%, $\frac{3}{4}$ and 0·73 in ascending order.

$0.73, \frac{3}{4}, 78\%$

[3]

(b) Write 70% as a decimal. _____ **0.70**

Write $\frac{3}{4}$ as a decimal. _____ **0.75**

Write 70%, $\frac{3}{4}$ and 0·73 in ascending order.

70%, 0.73, $\frac{3}{4}$

[3]

(b) Write 0·3 as a percentage. _____ **0.30 = 30%**

Write $\frac{1}{4}$ as a percentage. _____ **0.25 = 25%**

Write 0·3, $\frac{1}{4}$ and 28% in ascending order.

$\frac{1}{4}$, 28%, 0.3

[3]

8. *(a)* Write down 0·07 as a fraction.

_____ **0.07 = 7% = $\frac{7}{100}$**

largest to smallest

[1]

5. *(a)* Showing **all** your working, write 0·65, $\frac{3}{5}$ and $\frac{70}{100}$ in descending order.

0.65 = 65%

$\frac{70}{100}$ = 70%

$\frac{3}{5}$ = 3 × $\frac{1}{5}$ = 3 × 0.2 = 0.6 = 60%

$\frac{70}{100}$, 0.65, $\frac{3}{5}$

[3]

2. *(a)* Using the following list, circle the fractions that are equivalent to $\frac{1}{3}$.

$\left(\frac{2}{6}\right)$ $\qquad$ $\frac{2}{9}$ $\qquad$ $\frac{6}{12}$ $\qquad$ $\frac{4}{15}$ $\qquad$ $\left(\frac{5}{15}\right)$

÷2 $\frac{1}{3}$ $\qquad$ ÷ $\frac{2}{\frac{1}{2}}$ $\qquad$ ÷3 $\frac{1}{3}$

....

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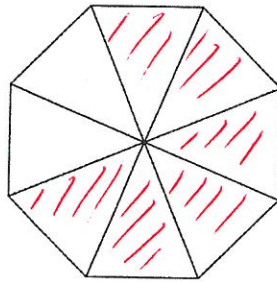
[2]

5. *(a)* Draw a circle around each of the following fractions that are equal to $\frac{1}{5}$.

$\left(\frac{5}{25}\right)$ $\qquad$ $\frac{3}{10}$ $\qquad$ $\frac{4}{15}$ $\qquad$ $\left(\frac{2}{10}\right)$ $\qquad$ $\frac{5}{15}$

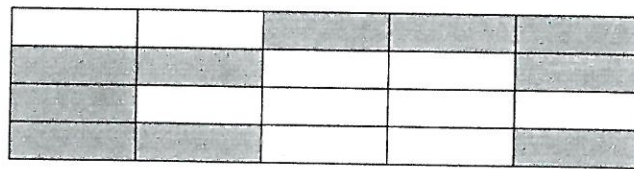÷5 $\frac{1}{5}$ $\qquad$ ÷2 $\frac{1}{5}$ $\qquad$ ÷5 $\frac{1}{3}$

[2]

(b) Shade 75% of the following figure.

[1]

(c) What percentage of the following shape is shaded?

$\frac{10}{20}$

.... [1]