Check-up test 1

1 What number is missing?

$\frac{3}{5}$ is equivalent to $\frac{6}{10}$.

1 mark

2 For each diagram write the fraction of the shape that is turquoise.
Write a fraction with a different denominator each time.

a)  $\frac{3}{5}$

b)  $\frac{6}{10}$

c)  $\frac{9}{15}$

1 mark

3 How many hundredths are equivalent to three-quarters? 75 hundredths

1 mark

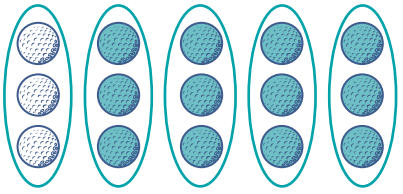
4 Theo notices that $\frac{9}{10}$ of some counters are orange.
If there are 90 orange counters, how many counters are there in total? 100

1 mark

5 True or false? $\frac{3}{5} = \frac{6}{10}$ True ✓ False ☐

1 mark

6 3 of these 15 golf balls are white.
The golf balls are grouped into fifths.



How many fifths are white? $\frac{3}{15} = \frac{1}{5}$

1 mark

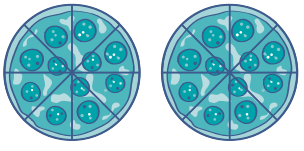
7 Dev says that $\frac{6}{8}$ and $\frac{9}{12}$ are not equivalent. Is he correct? Yes ☐ No ✓

1 mark

8 Write $\frac{12}{32}$ as an equivalent fraction with a denominator that is less than 10. $\frac{3}{8}$

1 mark

9 Each pizza is cut into eighths.
How many eighths are there altogether here? 16 eighths



1 mark

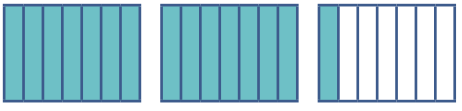
10 How many quarters in:

a) 4 wholes? 16 quarters

b) $2\frac{3}{4}$? 11 quarters

1 mark

11 True or false? $2\frac{1}{7}$ is equal to $\frac{15}{7}$.



True ✓ False ☐

1 mark

12 An internet café charges 1p per tenth of a minute.

How much does it cost to use the internet for $3\frac{7}{10}$ minutes? 37 p

1 mark