1. When an apple is cut into five pieces and two of the pieces are eaten, the remaining pieces can be written as:

   a) $^{2}/_{5}$

   b) $^{3}/_{5}$

   c) $^{1}/_{5}$

   d) None of the above

   Answer: (b)

2. If the numerator of a fraction is smaller by 3 than the denominator of the fraction; which of the following could be that fraction?

   a) $^{1}/_{6}$

   b) $^{9}/_{6}$

   c) $^{6}/_{9}$

   d) Both b and c

   Answer: (c)

3. If there are 8 boxes and 3 of those are red in colour, we can use a fraction to represent the red boxes. What will be in the denominator of that fraction?

   Answer: 8

4. $^{12}/_{36}$ is the same as:

   a) $^{1}/_{3}$

   b) $^{6}/_{12}$

   c) $^{1}/_{4}$

   d) $^{4}/_{9}$

   Answer: (a). Divide the numerator and the denominator by 12.

5. $^{42}/_{48}$ is the same as:

   a) $^{2}/_{8}$

   b) $^{21}/_{24}$

   c) $^{14}/_{16}$

   d) Both b and c

   Answer: (d). If you divide the numerator and the denominator by 2, you get (b) and if you divide by 3, you get (c).

6. $^{7}/_{9}$ is the same as:

   a) $^{21}/_{36}$

b) $^{28}/_{45}$

c) $^{63}/_{81}$

d) Both a and b

Answer: (c). Multiply the numerator and the denominator by 9.

7. The fractions $^{2}/_{8}$ and $^{4}/_{16}$ are equivalent and this can be confirmed using:

a) All the numerators and denominators are even numbers

b) All the numerators and denominators are divisible by 2

c) 2 x 16 = 8 x 4

d) The fractions are not equivalent

Answer: (c)

8. To create an equivalent fraction of $^{3}/_{7}$, which one of the following can be done?

a) Add 2 to numerator and denominator

b) Subtract 2 from numerator and denominator

c) Add 7 to numerator and 3 to denominator

d) Multiply the numerator and the denominator by 2

Answer: (d)

9. Which of the following pairs of fractions are equivalent? (mark all the correct answers)

a) $^{4}/_{5}$, $^{16}/_{25}$

b) $^{4}/_{9}$, $^{9}/_{4}$

c) $^{3}/_{9}$, $^{4}/_{12}$

d) $^{7}/_{28}$, $^{5}/_{20}$

Answer: (c) and (d)

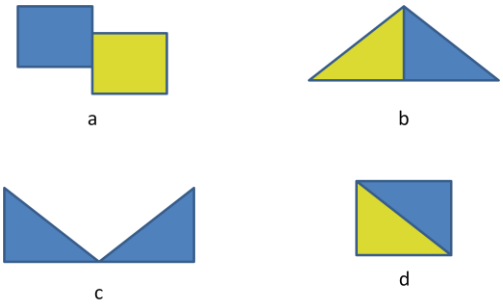
10. What fraction of the following diagram is coloured?

Answer: $^{1}/_{3}$

11. What fraction of the following ovals is blue?

Answer: $^{4}/_{9}$

12. Which of the following figures represent a different fraction from the others?



Answer: (c)

How did you do? If you didn't do well, watch the following videos and try again!

- What are Fractions?
- Equivalent Fractions