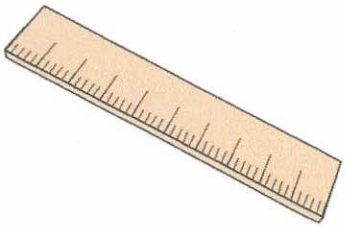
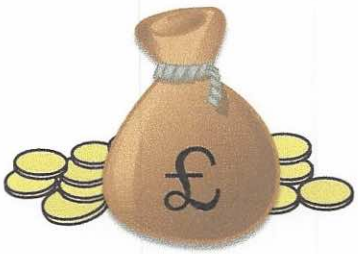
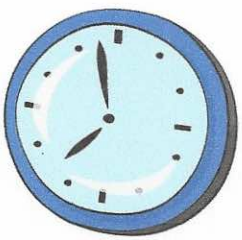
Primary Practice Questions

Corbettmaths





Equivalent Fractions
Simplifying Fractions



Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

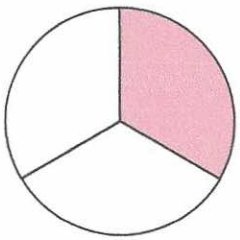
Recap

Remember

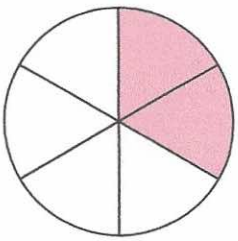
- There are daily questions found at
  www.corbettmaths.com/5-a-day/primary

1. These diagrams show three equivalent fractions

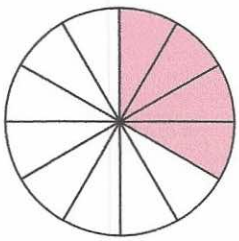
Write in the missing numbers



$\frac{1}{3}$



$\frac{2}{\boxed{6}}$



$\frac{\boxed{4}}{12}$

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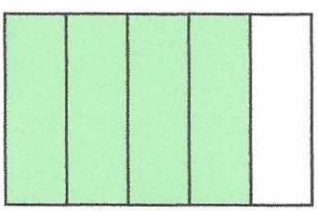
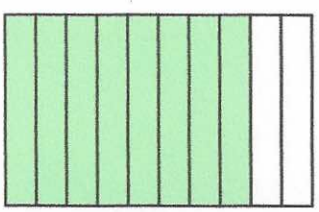
2. These diagrams show three equivalent fractions

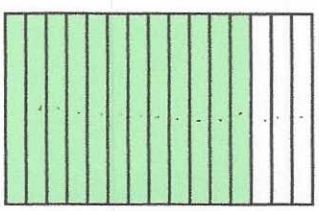
Write in the missing numbers



$\frac{4}{\boxed{5}}$



$\frac{8}{10}$



$\frac{\boxed{12}}{\cancel{20}\ 15}$

3. Find the missing number

$$\frac{2}{3} \overset{\times 2}{=} \frac{\boxed{4}}{6} \quad (\times 2 \text{ below})$$

4

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4. Find the missing number

$$\frac{1}{5} \overset{\times 4}{=} \frac{\boxed{4}}{20} \quad (\times 4 \text{ below})$$

4

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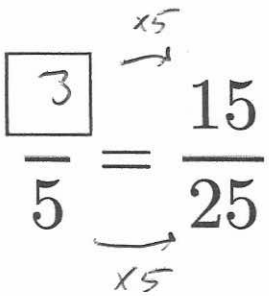
5. Find the missing number

$$\frac{5}{7} \overset{\times 2}{=} \frac{10}{\boxed{14}} \quad (\times 2 \text{ below})$$

14

6. Find the missing number



3

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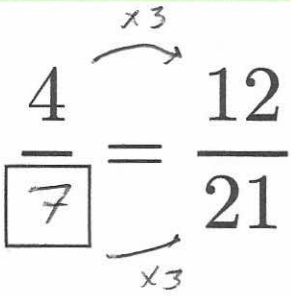
7. Find the missing number



7

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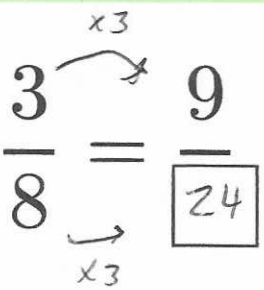
8. Find the missing number



24

9. Simplify

$$\frac{6}{8}$$

$\frac{3}{4}$

10. Simplify

$$\frac{9}{15}$$

$\frac{3}{5}$

11. Simplify

$$\frac{18}{22}$$

$\frac{9}{11}$

12. Over 20 days in February, it rained on 12 days.

What fraction of the days were rainy?
Simplify your answer

$\frac{12}{20} = \frac{6}{10} = \frac{3}{5}$

$\frac{3}{5}$

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13. Write down 3 different fractions that are equivalent to $\frac{3}{5}$

$\frac{6}{10}$ $\frac{9}{15}$ $\frac{30}{50}$

14. Two of the fractions are equivalent

Circle the equivalent fractions

$\frac{2}{3}$ $\frac{12}{15}$ $\frac{9}{12}$ $\frac{16}{20}$ $\frac{6}{10}$

$\frac{4}{5}$ $\frac{3}{4}$ $\frac{4}{5}$ $\frac{3}{5}$

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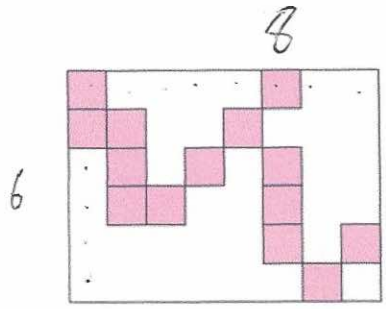
15. Circle the two fractions that are **not** equivalent to $\frac{2}{3}$

$\frac{14}{21}$ $\frac{20}{33}$ $\frac{15}{25}$ $\frac{12}{18}$

16. Here is a rectangle with 14 identical squares shaded inside it.



What fraction of the rectangle is shaded?
Simplify your answer

$6 \times 8 = 48$ squares

$\frac{14}{48} = \frac{7}{24}$

$\frac{7}{24}$