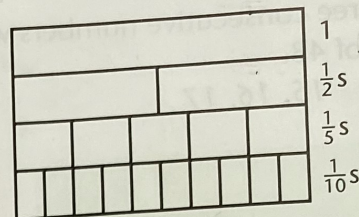
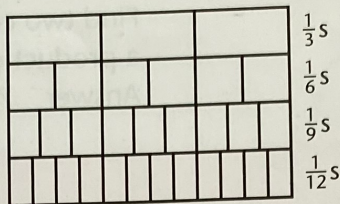
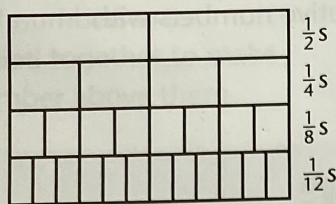


EQUIVALENT FRACTIONS

TARGET To recognise and show families of equivalent fractions.

Examples



A

Use the fraction charts. Copy and complete these equivalent fractions.

1 $\frac{3}{4} = \frac{\square}{8}$

2 $\frac{2}{3} = \frac{4}{\square}$

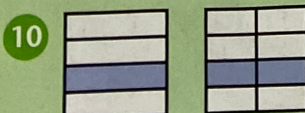
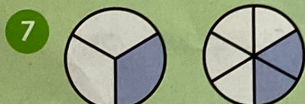
3 $\frac{\square}{5} = \frac{4}{10}$

4 $\frac{2}{\square} = \frac{3}{12}$

5 $\frac{6}{9} = \frac{\square}{12}$

6 $\frac{4}{5} = \frac{8}{\square}$

Write the equivalent fractions shown in each pair of diagrams.



B

Use the fraction charts. Copy and complete these families of fractions.

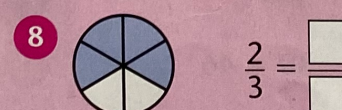
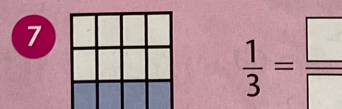
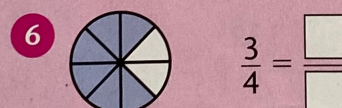
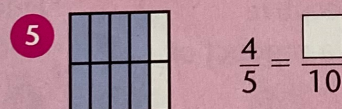
1 $\frac{1}{2} = \frac{\square}{4} = \frac{\square}{8} = \frac{\square}{16}$

2 $\frac{1}{4} = \frac{\square}{8} = \frac{\square}{12} = \frac{\square}{16}$

3 $\frac{1}{5} = \frac{\square}{10} = \frac{\square}{15} = \frac{\square}{20}$

4 $\frac{2}{3} = \frac{\square}{6} = \frac{\square}{9} = \frac{\square}{12}$

Use the diagram to help complete the equivalent fractions.



Draw a diagram to show:

9 $\frac{3}{4} = \frac{9}{12}$ 11 $\frac{2}{5} = \frac{4}{10}$

10 $\frac{1}{2} = \frac{5}{10}$ 12 $\frac{2}{3} = \frac{6}{9}$

C

Copy and complete the equivalent fractions.

1 $\frac{4}{5} = \frac{\square}{10}$

7 $\frac{1}{2} = \frac{8}{\square}$

2 $\frac{3}{10} = \frac{\square}{100}$

8 $\frac{7}{10} = \frac{35}{\square}$

3 $\frac{5}{8} = \frac{\square}{16}$

9 $\frac{5}{6} = \frac{15}{\square}$

4 $\frac{2}{3} = \frac{\square}{15}$

10 $\frac{4}{9} = \frac{8}{\square}$

5 $\frac{3}{4} = \frac{\square}{16}$

11 $\frac{19}{20} = \frac{95}{\square}$

6 $\frac{3}{7} = \frac{\square}{14}$

12 $\frac{3}{4} = \frac{15}{\square}$

Continue these fraction chains for four further terms.

13 $\frac{1}{4} = \frac{2}{8} = \frac{3}{12}$

16 $\frac{3}{10} = \frac{6}{20} = \frac{9}{30}$

14 $\frac{2}{3} = \frac{4}{6} = \frac{6}{9}$

17 $\frac{4}{5} = \frac{8}{10} = \frac{12}{15}$

15 $\frac{5}{8} = \frac{10}{16} = \frac{15}{24}$

18 $\frac{7}{8} = \frac{14}{16} = \frac{21}{24}$

Write three more fractions equivalent to:

19 $\frac{4}{11}$

22 $\frac{20}{45}$

25 $\frac{14}{18}$

20 $\frac{15}{24}$

23 $\frac{7}{12}$

26 $\frac{33}{60}$

21 $\frac{6}{21}$

24 $\frac{18}{39}$

27 $\frac{35}{42}$