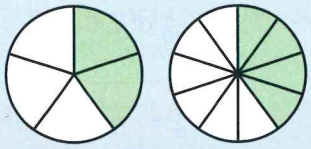
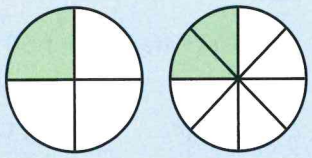
I can find other fractions that are equivalent to a given fraction.

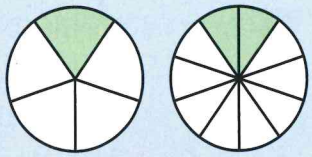
A

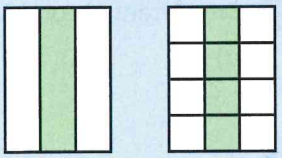
Write the equivalent fractions shown in each pair of diagrams.

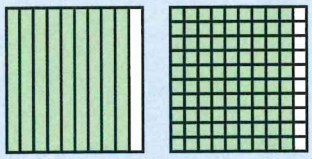
Example $\frac{2}{5} = \frac{4}{10}$

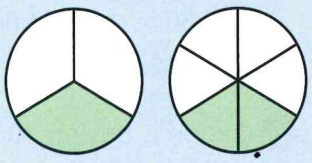


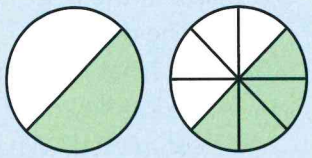
1 

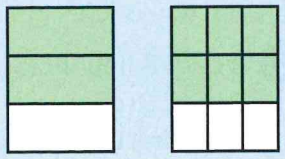
2 

3 

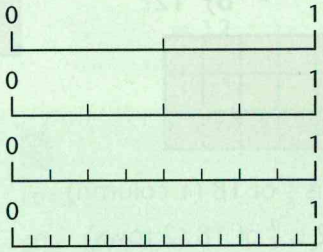
4 

5 

6 

7 

B



Use the number lines above. Copy and complete the equivalent fractions.

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

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

3 $\frac{1}{8} = \frac{\square}{16}$

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

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

6 $\frac{1}{2} = \frac{\square}{16}$

7 $\frac{2}{4} = \frac{\square}{16}$

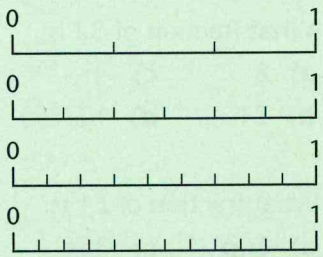
8 $\frac{3}{8} = \frac{\square}{16}$

9 $\frac{1}{2} = \frac{\square}{4}$

10 $\frac{1}{4} = \frac{\square}{8}$

11 $\frac{7}{8} = \frac{\square}{16}$

12 $\frac{3}{4} = \frac{\square}{16}$



Use the number lines. Copy and complete.

13 $\frac{2}{3} = \frac{\square}{9}$

14 $\frac{5}{6} = \frac{\square}{12}$

15 $\frac{1}{3} = \frac{\square}{6}$

16 $\frac{6}{9} = \frac{\square}{12}$

17 $\frac{2}{3} = \frac{\square}{6}$

18 $\frac{4}{6} = \frac{\square}{9}$

19 $\frac{3}{9} = \frac{\square}{3}$

20 $\frac{4}{12} = \frac{\square}{9}$

21 $\frac{2}{12} = \frac{\square}{6}$

22 $\frac{8}{12} = \frac{\square}{3}$

23 $\frac{3}{9} = \frac{\square}{6}$

24 $\frac{4}{12} = \frac{\square}{3}$

C

Copy and complete the equivalent fractions.

1 $\frac{2}{5} = \frac{\square}{10}$

2 $\frac{3}{4} = \frac{\square}{16}$

3 $\frac{7}{10} = \frac{\square}{100}$

4 $\frac{1}{6} = \frac{\square}{18}$

5 $\frac{19}{25} = \frac{\square}{100}$

6 $\frac{5}{7} = \frac{\square}{14}$

7 $\frac{10}{15} = \frac{\square}{3}$

8 $\frac{12}{20} = \frac{\square}{5}$

9 $\frac{8}{16} = \frac{\square}{2}$

10 $\frac{20}{100} = \frac{\square}{20}$

11 $\frac{6}{18} = \frac{\square}{3}$

12 $\frac{15}{20} = \frac{\square}{4}$

Continue these fraction chains for four further terms.

13 $\frac{3}{4} = \frac{6}{8} = \frac{9}{12}$

14 $\frac{1}{6} = \frac{2}{12} = \frac{3}{18}$

15 $\frac{2}{5} = \frac{4}{10} = \frac{6}{15}$

16 $\frac{1}{8} = \frac{2}{16} = \frac{3}{24}$

17 $\frac{2}{3} = \frac{4}{6} = \frac{6}{9}$

18 $\frac{9}{10} = \frac{18}{20} = \frac{27}{30}$

Write three more fractions equivalent to:

19 $\frac{5}{13}$

20 $\frac{8}{36}$

21 $\frac{10}{24}$

22 $\frac{18}{33}$

23 $\frac{9}{16}$

24 $\frac{35}{40}$

25 $\frac{28}{60}$

26 $\frac{42}{150}$