

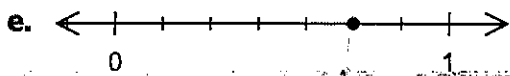
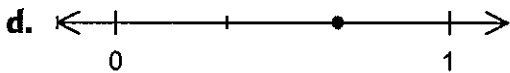
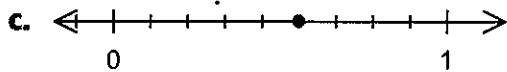
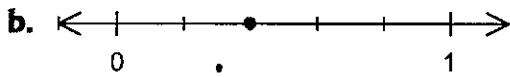
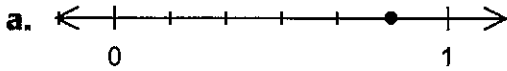
## Skill Builder

## 1 Understanding Fractions

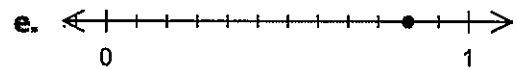
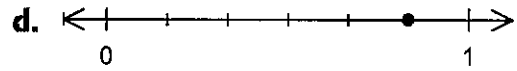
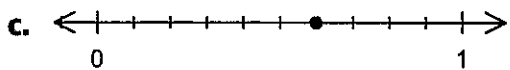
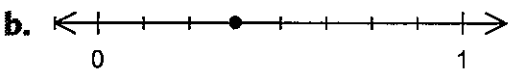
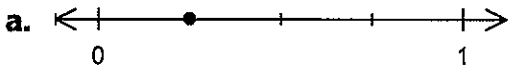
EVALUATED



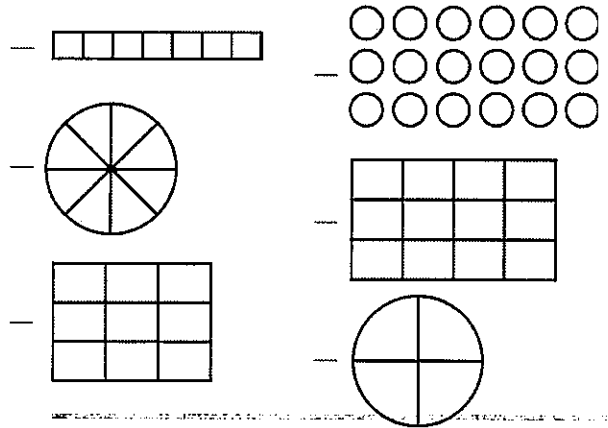
**1** Write the fraction represented by each number line.



**2** Write the fraction represented by each number line.

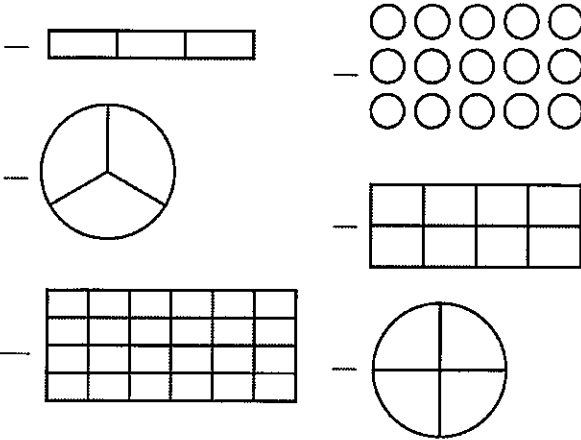


**3** Write the fraction represented by each model.

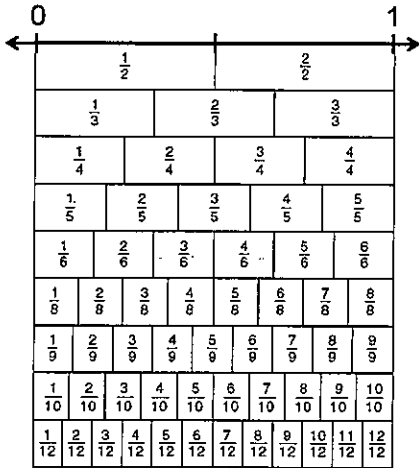


# Skill Builder

**4** Write the fraction represented by each model.



**5** Use the chart to compare each pair of fractions.

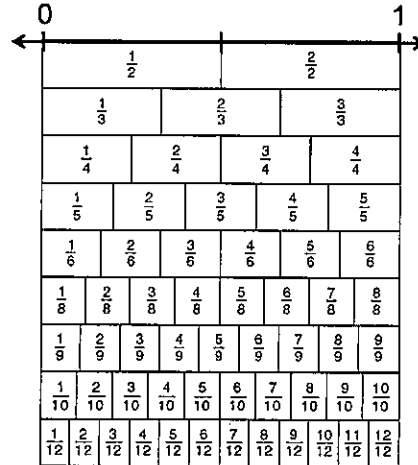


$$\frac{4}{6} - \frac{4}{12} \quad \frac{2}{8} - \frac{2}{4} \quad \frac{3}{3} - \frac{3}{9}$$

$$\frac{5}{6} - \frac{10}{12} \quad \frac{4}{5} - \frac{8}{10} \quad \frac{6}{8} - \frac{3}{4}$$

$$\frac{1}{4} - \frac{2}{4} \quad \frac{2}{3} - \frac{1}{3} \quad \frac{4}{5} - \frac{3}{5}$$

**6** Use the chart to compare each pair of fractions.



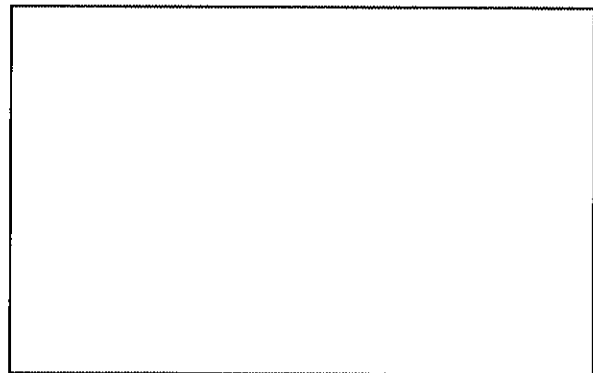
$$\frac{2}{3} - \frac{7}{12} \quad \frac{5}{8} - \frac{2}{4} \quad \frac{1}{3} - \frac{2}{9}$$

$$\frac{3}{5} - \frac{6}{10} \quad \frac{6}{9} - \frac{2}{3} \quad \frac{1}{2} - \frac{5}{10}$$

$$\frac{1}{4} - \frac{3}{8} \quad \frac{2}{3} - \frac{5}{6} \quad \frac{2}{5} - \frac{3}{10}$$

**7** Use a fraction bar model to compare the fractions. Show how to rename the fractions with common denominators.

$$\frac{1}{4} - \frac{2}{9}$$



- 8** Use a fraction bar model to compare the fractions. Show how to rename the fractions with common denominators.

$$\frac{3}{8} \quad \frac{3}{7}$$

- 10** Use a group of squares to compare the fractions. Show how to rename the fractions with common denominators.

$$\frac{6}{15} \quad \frac{6}{10}$$

- 9** Use a group of squares to compare the fractions. Show how to rename the fractions with common denominators.

$$\frac{4}{12} \quad \frac{3}{9}$$

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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Reducing Fractions

1 )  $\frac{30}{36} =$  \_\_\_\_\_

11 )  $\frac{18}{54} =$  \_\_\_\_\_

21 )  $\frac{24}{32} =$  \_\_\_\_\_

2 )  $\frac{8}{24} =$  \_\_\_\_\_

12 )  $\frac{7}{28} =$  \_\_\_\_\_

22 )  $\frac{4}{16} =$  \_\_\_\_\_

3 )  $\frac{63}{72} =$  \_\_\_\_\_

13 )  $\frac{12}{54} =$  \_\_\_\_\_

23 )  $\frac{7}{35} =$  \_\_\_\_\_

4 )  $\frac{48}{72} =$  \_\_\_\_\_

14 )  $\frac{4}{8} =$  \_\_\_\_\_

24 )  $\frac{42}{63} =$  \_\_\_\_\_

5 )  $\frac{16}{20} =$  \_\_\_\_\_

15 )  $\frac{5}{25} =$  \_\_\_\_\_

25 )  $\frac{9}{18} =$  \_\_\_\_\_

6 )  $\frac{48}{60} =$  \_\_\_\_\_

16 )  $\frac{9}{72} =$  \_\_\_\_\_

26 )  $\frac{30}{55} =$  \_\_\_\_\_

7 )  $\frac{8}{24} =$  \_\_\_\_\_

17 )  $\frac{30}{42} =$  \_\_\_\_\_

27 )  $\frac{25}{40} =$  \_\_\_\_\_

8 )  $\frac{40}{88} =$  \_\_\_\_\_

18 )  $\frac{54}{99} =$  \_\_\_\_\_

28 )  $\frac{6}{30} =$  \_\_\_\_\_

9 )  $\frac{8}{28} =$  \_\_\_\_\_

19 )  $\frac{15}{21} =$  \_\_\_\_\_

29 )  $\frac{63}{84} =$  \_\_\_\_\_

10 )  $\frac{45}{90} =$  \_\_\_\_\_

20 )  $\frac{3}{6} =$  \_\_\_\_\_

30 )  $\frac{8}{16} =$  \_\_\_\_\_



Name : \_\_\_\_\_

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### Equivalent Fractions

$$1) \quad \frac{3}{10} = \frac{6}{30} = \frac{12}{60} = \frac{15}{30} = \frac{21}{42}$$

$$2) \quad \frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{8}{12} = \frac{10}{15} = \frac{18}{27}$$

$$3) \quad \frac{4}{5} = \frac{8}{10} = \frac{12}{15} = \frac{20}{25} = \frac{24}{30} = \frac{28}{35}$$

$$4) \quad \frac{7}{8} = \frac{14}{16} = \frac{21}{24} = \frac{28}{32} = \frac{35}{40} = \frac{42}{56}$$

$$5) \quad \frac{2}{7} = \frac{4}{14} = \frac{6}{21} = \frac{8}{28} = \frac{10}{35} = \frac{14}{49}$$

$$6) \quad \frac{5}{6} = \frac{10}{12} = \frac{15}{18} = \frac{20}{24} = \frac{25}{30} = \frac{30}{36} = \frac{35}{42} = \frac{40}{48}$$

$$7) \quad \frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16} = \frac{5}{20} = \frac{6}{24} = \frac{7}{28} = \frac{8}{32}$$

$$8) \quad \frac{5}{12} = \frac{10}{24} = \frac{15}{36} = \frac{20}{48} = \frac{25}{60} = \frac{30}{72} = \frac{35}{84} = \frac{40}{96}$$

$$9) \quad \frac{8}{9} = \frac{16}{18} = \frac{24}{27} = \frac{32}{36} = \frac{40}{45} = \frac{48}{54} = \frac{56}{63} = \frac{64}{72}$$

$$10) \quad \frac{7}{11} = \frac{14}{22} = \frac{21}{33} = \frac{28}{44} = \frac{35}{55} = \frac{42}{66} = \frac{49}{77} = \frac{56}{88}$$



Name : \_\_\_\_\_

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### Converting Improper Fractions to Mixed Numbers

1)  $\frac{14}{5} =$  \_\_\_\_\_

2)  $\frac{18}{4} =$  \_\_\_\_\_

3)  $\frac{40}{6} =$  \_\_\_\_\_

4)  $\frac{15}{6} =$  \_\_\_\_\_

5)  $\frac{57}{11} =$  \_\_\_\_\_

6)  $\frac{31}{5} =$  \_\_\_\_\_

7)  $\frac{9}{2} =$  \_\_\_\_\_

8)  $\frac{23}{11} =$  \_\_\_\_\_

9)  $\frac{53}{12} =$  \_\_\_\_\_

10)  $\frac{62}{12} =$  \_\_\_\_\_

11)  $\frac{13}{2} =$  \_\_\_\_\_

12)  $\frac{10}{4} =$  \_\_\_\_\_

13)  $\frac{71}{12} =$  \_\_\_\_\_

14)  $\frac{37}{7} =$  \_\_\_\_\_

15)  $\frac{44}{8} =$  \_\_\_\_\_

### Converting Mixed Numbers to Improper Fractions

1)  $4\frac{2}{5} =$  \_\_\_\_\_

2)  $2\frac{1}{2} =$  \_\_\_\_\_

3)  $7\frac{1}{9} =$  \_\_\_\_\_

4)  $4\frac{1}{2} =$  \_\_\_\_\_

5)  $7\frac{9}{10} =$  \_\_\_\_\_

6)  $9\frac{4}{9} =$  \_\_\_\_\_

7)  $7\frac{2}{3} =$  \_\_\_\_\_

8)  $7\frac{1}{3} =$  \_\_\_\_\_

9)  $8\frac{3}{7} =$  \_\_\_\_\_

10)  $8\frac{1}{4} =$  \_\_\_\_\_

11)  $2\frac{3}{5} =$  \_\_\_\_\_

12)  $5\frac{3}{4} =$  \_\_\_\_\_

13)  $2\frac{5}{9} =$  \_\_\_\_\_

14)  $8\frac{5}{7} =$  \_\_\_\_\_

15)  $8\frac{4}{5} =$  \_\_\_\_\_

