# Fractions Skills Checkup

**Circle the letter of the correct answer to each problem. Reduce all fractions to simplest terms.**

1. $1\frac{3}{5} + \frac{2}{5} =$

   A $1\frac{1}{5}$   C $2\frac{1}{5}$

   B $2$   D $2\frac{4}{5}$

   E None of these

2. $\frac{7}{10} - \frac{3}{10} =$

   F $\frac{3}{5}$   H $\frac{2}{3}$

   G $\frac{1}{5}$   J $\frac{2}{5}$

   K None of these

3. $5 \times \frac{2}{3} =$

   A $1\frac{1}{3}$   C $3\frac{1}{3}$

   B $2\frac{1}{3}$   D $\frac{2}{15}$

   E None of these

4. $\frac{3}{5} \div \frac{2}{5} =$

   F $\frac{2}{3}$   H $\frac{6}{25}$

   G $\frac{11}{2}$   J $1$

   K None of these

5. $\frac{1}{3} \div 9 =$

   A $3$   C $\frac{1}{27}$

   B $27$   D $\frac{1}{9}$

   E None of these

6. $1\frac{3}{4} \div \frac{3}{7} =$

   F $18\frac{1}{3}$   H $\frac{3}{4}$

   G $\frac{4}{7}$   J $2\frac{1}{7}$

   K None of these

**Use the following information to answer Numbers 7–10.**

A school band has 480 boxes of popcorn to deliver. The booster club has offered to deliver $\frac{1}{3}$ of the boxes. The cheerleaders will deliver $\frac{1}{4}$ of the boxes.

7. How many boxes will the booster club deliver?

   A 120   C 160
   B 140   D 180

8. What fraction of the boxes will the members of the band deliver?

   F $\frac{5}{7}$   H $\frac{5}{12}$

   G $\frac{7}{12}$   J $\frac{2}{7}$

9. How many more boxes will be delivered by boosters than by cheerleaders?

   A 20   C 60
   B 40   D 80

10. Each box of popcorn weighs $\frac{1}{2}$ pound. Which of these number sentences could be used to figure out how many pounds of popcorn the band sold?

   F $480 \times 2 = \square$

   G $480 \div \frac{1}{2} = \square$

   H $480 \times \frac{1}{2} = \square$

   J $1{,}480 \times \frac{1}{2} = \square$

# Fractions Skills Checkup (continued)

**11.**
$$9$$
$$-\ \frac{1}{3}$$

A $9\frac{2}{3}$  C $8\frac{1}{3}$

B $9\frac{1}{3}$  D $8\frac{2}{3}$

E None of these

**12.** $2\frac{3}{5} + 5\frac{4}{5} =$

F $8\frac{2}{5}$  H $8\frac{1}{5}$

G $7\frac{5}{6}$  J $7\frac{2}{5}$

K None of these

**13.** $20 \div \frac{1}{2} =$

A 10  C 30

B $\frac{1}{40}$  D 40

E None of these

**14.** $\frac{2}{5} + \frac{3}{25} =$

F 1  H $\frac{13}{25}$

G $\frac{1}{5}$  J $\frac{6}{25}$

K None of these

**15.** $\frac{2}{3} - \frac{1}{6} =$

A $\frac{1}{6}$  C $\frac{1}{2}$

B $\frac{1}{3}$  D $\frac{2}{3}$

E None of these

**16.** Which fraction is equivalent to $\frac{3}{4}$?

A $\frac{6}{8}$  C $\frac{5}{6}$

B $\frac{1}{3}$  D $\frac{4}{3}$

**17.** Which set of fractions is in order from least to greatest?

F $\frac{1}{3}$  $\frac{1}{5}$  $\frac{1}{10}$  $\frac{1}{12}$

G $\frac{1}{12}$  $\frac{1}{3}$  $\frac{1}{5}$  $\frac{1}{10}$

H $\frac{1}{12}$  $\frac{1}{10}$  $\frac{1}{5}$  $\frac{1}{3}$

J $\frac{1}{10}$  $\frac{1}{5}$  $\frac{1}{3}$  $\frac{1}{12}$

**18.** Which number sentence is true?

A $\frac{3}{4} > 1$  C $\frac{9}{8} > 1$

B $\frac{0}{5} = 1$  D $\frac{3}{7} > 1$

**19.** Which fraction is equal to 0.5?

F $\frac{1}{3}$  H $\frac{3}{4}$

G $\frac{1}{2}$  J $\frac{1}{5}$

**20.** Seven city council members voted to rezone Oak Avenue. The other 8 council members voted against rezoning it. What fraction of the council voted to rezone Oak Avenue?

A $\frac{7}{8}$  C $\frac{7}{15}$

B $\frac{8}{7}$  D $\frac{15}{7}$

## Fractions Skills Checkup
### Pages 71–72

1. B
2. J
3. C
4. K
5. C
6. K
7. C
8. H
9. B
10. H
11. D
12. F
13. D
14. H
15. C
16. A
17. H
18. C
19. G
20. C

## Integers
### Page 73

1. $<$
2. $<$
3. $>$
4. $>$
5. $<$
6. $<$
7. $>$
8. $=$
9. $^-12, 0, 3, 5$
10. $^-52, ^-13, 4, 12$
11. $^-1.5, -\frac{1}{2}, \frac{3}{4}, 3$

### Page 74

1. 3.1
2. 3
3. 5
4. 5
5. 6

6. 0.25
7. 32
8. 0
9. $=$
10. $<$
11. $<$
12. $=$
13. $>$
14. $<$
15. $<$
16. $=$
17. $=$
18. $<$
19. $>$
20. $<$
21. $<$
22. $>$
23. $=$
24. $>$

### Page 75

1. $^-3$
2. 4
3. $^-1$
4. 1
5. $^-5$
6. $^-2$
7. 0
8. $^-2$
9. 5
10. $^-15$
11. $^-4°$ F
12. left

### Page 76

1. 3
2. $^-17$
3. 19
4. 12
5. $^-11$
6. $^-3$
7. $^-7 + ^-4$
8. $14 + ^-6$
9. $^-8 + 4$
10. $3 + 9$

11. $5 + ^-12$
12. $13 + 2$
13. 5
14. $^-5$
15. 1
16. $^-3$
17. 6
18. 7
19. $^-5$
20. $^-10$
21. 9

### Page 77

1. $^-6$
2. 20
3. $^-12$
4. $^-32$
5. $^-30$
6. 64
7. 35
8. $^-18$
9. $^-24$
10. $^-4$
11. $^-8$
12. 10
13. $^-2$
14. $^-2$
15. 4
16. 5
17. $^-7$
18. $^-16$
19. $\frac{1}{3}$
20. $-\frac{1}{2}$
21. $-\frac{2}{3}$

### Page 78

1. $^-\$72.41$
2. 1°C
3. 4 ft
4. 12,242 ft
5. $168
6. $24,080