

Fractions Skills Checkup

Circle the letter of the correct answer to each problem. Simplify all fractions to lowest terms.

1. $\frac{5}{7} + \frac{3}{7} =$

A $\frac{2}{7}$ C $\frac{4}{7}$
 B 8 D $1\frac{1}{7}$
 E None of these

2. $\frac{5}{12} - \frac{1}{12} =$

F $\frac{1}{4}$ H $\frac{1}{6}$
 G $\frac{1}{12}$ J $\frac{1}{3}$
 K None of these

3. $7 \times \frac{4}{7} =$

A 7 C 4
 B $1\frac{3}{4}$ D $1\frac{4}{7}$
 E None of these

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

F $\frac{5}{9}$ H $\frac{2}{3}$
 G $\frac{1}{4}$ J $\frac{2}{5}$
 K None of these

5. $\frac{25}{5} =$

A 5 C $\frac{1}{5}$
 B 10 D 25
 E None of these

6. $\frac{3}{5}$
 $+ \frac{4}{5}$

F $\frac{7}{10}$ H $2\frac{2}{5}$
 G $1\frac{2}{5}$ J $\frac{12}{25}$
 K None of these

7. The Cougars won 4 games and lost 8. Which of these does *not* show the ratio of games won to games lost?
 A 4 to 8 C 8 : 4
 B $\frac{4}{8}$ D 4 : 8

8. You can buy 3 pounds of sliced cheese for \$5. How many pounds can you buy for \$25?
 F 9 pounds H 12 pounds
 G 15 pounds J 18 pounds

9. Which number is a factor of 9 and also a factor of 15?
 A 9 C 5
 B 4 D 3

10. Which of these is equal to $\frac{16}{20}$ in simplest terms?

F $\frac{3}{4}$ H $\frac{2}{3}$
 G $\frac{7}{8}$ J $\frac{4}{5}$

11. What is another name for 0.25?

A $\frac{1}{4}$ C $\frac{1}{2}$
 B $\frac{1}{5}$ D $\frac{1}{3}$

12. What is another name for $\frac{3}{5}$?

F 0.3 H 0.8
 G 0.6 J 0.9

13. $\frac{6}{7} - \frac{2}{7} =$
- A $\frac{4}{14}$ C 4
 B $\frac{3}{7}$ D $\frac{4}{7}$
 E None of these

14. $\frac{1}{2} \times \frac{1}{5} \times \frac{1}{8} =$
- F $\frac{1}{15}$ H $\frac{1}{80}$
 G $\frac{3}{15}$ J $\frac{3}{80}$
 K None of these

15. $\frac{1}{6} \times \frac{7}{5} =$
- A $\frac{8}{30}$ C $\frac{7}{30}$
 B $\frac{7}{11}$ D $\frac{8}{11}$
 E None of these

16. $\frac{4}{5} - \frac{4}{6} =$
- F $\frac{1}{2}$ H $\frac{1}{3}$
 G $\frac{1}{4}$ J 3
 K None of these

17. $\frac{7}{10} - \frac{7}{10} =$
- A 1 C 0
 B 7 D $\frac{1}{10}$
 E None of these

18. $\frac{12}{12} =$
- F 12 H 2
 G 0 J 1
 K None of these

19. Which number sentence is true?

- A $\frac{1}{2} < \frac{1}{3}$ C $\frac{11}{12} < 1$
 B $\frac{6}{5} < 1$ D $\frac{4}{5} < \frac{1}{2}$

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

- F $\frac{1}{12}, \frac{1}{2}, \frac{1}{3}$ H $\frac{1}{2}, \frac{1}{12}, \frac{1}{3}$
 G $\frac{1}{2}, \frac{1}{3}, \frac{1}{12}$ J $\frac{1}{12}, \frac{1}{3}, \frac{1}{2}$

21. Ginger ran $\frac{7}{3}$ miles. Which of these is equal to $\frac{7}{3}$ miles?

- A $1\frac{2}{3}$ miles C $2\frac{1}{3}$ miles
 B 2 miles D 3 miles

22. Which is the best estimate for the sum of $2\frac{7}{8} + 2\frac{4}{5}$?

- F 4 H $4\frac{3}{2}$
 G 5 J 6

23. Ella types about 60 words per minute. At that rate, about how long should it take her to type a paragraph that contains 840 words?

- A 14 minutes C 20 minutes
 B 25 minutes D 30 minutes

Fractions Skills Checkup

Pages 82–83

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

Decimals

Page 84

1. 6
2. 9
3. 6
4. 3
5. 2
6. 0

7. 6
8. 5
9. 7
10. 2
11. 6
12. 3
13. tenths
14. thousandths
15. hundredths
16. ones
17. thousandths
18. tenths
19. ones
20. hundredths

Page 85

1. D
2. B
3. F
4. C
5. E
6. A
7. six tenths
8. one hundredth
9. three and five hundredths
10. ten and one tenth
11. one hundred twenty-five thousandths
12. forty and one hundred thousandths

Page 86

1. $0.3; \frac{3}{10}$
2. $0.09; \frac{9}{100}$

3. $1.00; \frac{100}{100}$
4. $1.0; \frac{10}{10}$
5. $\frac{24}{1,000}; 0.024$
6. $\frac{19}{100}; 0.19$
7. $\frac{100}{100}; 1.00$
8. $\frac{909}{1,000}; 0.909$
9. $1\frac{6}{10}; 1.6$
10. $3\frac{3}{100}; 3.03$

Page 87

1. 7, 70, 0.7, 0.70
2. 40, 400, 0.40, 0.400
3. not equal
4. equal
5. equal
6. not equal
7. equal
8. equal
9. equal
10. not equal
11. equal

Page 88

1. 0.003
2. 0.098
3. 0.00899
4. 1.032
5. 0.13
6. 0.005
7. 0.09
8. 0.19
9. 1.05