

# Decimals Skills Checkup

Circle the letter for the correct answer to each problem. Try crossing out unreasonable answers before you start to work on each problem.

1.  $15 + 3.1 =$
- A 153.1
  - B 15.31
  - C 1.81
  - D 4.6
  - E None of these

2.  $5.1 - 0.06 =$
- F 5.4
  - G 4.4
  - H 5.04
  - J 4.04
  - K None of these

3.  $0.04 \times 4 =$
- A 16
  - B 1.6
  - C 0.16
  - D 4.04
  - E None of these

4.  $\$8.22 \times 3 =$
- F \$24.22
  - G \$24.55
  - H \$24.66
  - J \$11.66
  - K None of these

5.  $2.3 + 6.4 =$
- A 8.43
  - B 8.34
  - C 8.7
  - D 23.64
  - E None of these

6. 
$$\begin{array}{r} 45.2 \\ - 3.9 \\ \hline \end{array}$$
- F 0.413
  - G 49.1
  - H 42.3
  - J 41.3
  - K None of these

7. Julio earns an average of \$31.50 a night in tips. At this rate, about how much will he earn in 5 nights?

- A \$ 50
- B \$ 75
- C \$150
- D \$175

8. Jerry earns \$14.80 per hour. Yesterday he worked for 5.25 hours. Which number sentence should he use to estimate how much he earned yesterday?

- F  $\$14 \times 5 =$
- G  $\$15 \times 5 =$
- H  $\$14 \times 6 =$
- J  $\$15 \times 6 =$

9. Link's cleaning bill came to \$18.46. He paid with a \$20 bill. How much change should he receive?

- A \$1.44
- B \$2.44
- C \$1.54
- D \$2.54

10. Obami is buying shades for her windows. They cost \$6 each, and she has 7 windows. How much will she spend?

- F \$76
- G \$49
- H \$42
- J \$13

11.  $0.3 + 0.7 =$
- A 1
  - B 0.1
  - C 1.1
  - D 0.9
  - E None of these

- 12.
- $$\begin{array}{r} 0.3 \\ \times 6 \\ \hline \end{array}$$
- F 0.18
  - G 18
  - H 1.8
  - J 1.08
  - K None of these

- 13.
- $$\begin{array}{r} 1 \\ - 0.2 \\ \hline \end{array}$$
- A 8
  - B 0.8
  - C 0.08
  - D 80
  - E None of these

- 14.
- $$\begin{array}{r} 98.0 \\ - 5.15 \\ \hline \end{array}$$
- F 46.5
  - G 93.95
  - H 92.85
  - J 93.85
  - K None of these

15.  $1.402 \times 0.2 =$
- A 0.284
  - B 28.04
  - C 0.2804
  - D 2.804
  - E None of these

- 16.
- $$\begin{array}{r} 5.1 \\ \times 2.3 \\ \hline \end{array}$$
- F 11.73
  - G 2.55
  - H 25.5
  - J 117.3
  - K None of these

17.  $25 + 3.5 =$
- A 60
  - B 6
  - C 0.6
  - D 28.5
  - E None of these

18. Which set of decimal numbers is in order from least to greatest?

- F 1, 1.07, 0.8, 0.09
- G 0.8, 1, 0.09, 1.07
- H 0.8, 0.09, 1, 1.07
- J 0.09, 0.8, 1, 1.07

19. A number begins with the digit 0 and a decimal point. Then it uses the digits 1, 6, 5, and 0, each exactly once. What is the smallest decimal that can be written?

- A 0.0651
- B 0.6510
- C 0.1560
- D 0.0156

20. What is 19.079 rounded to the nearest tenth?

- F 20
- G 19
- H 19.1
- J 19.08

21. An average of 3.13 inches of rain fell in June. An average of 3.5 inches fell in July. How much greater was the average rainfall in July than in June?

- A 0.37 inches
- B 8.63 inches
- C 10.96 inches
- D 3.13 inches

22. Frank bought 185 pens to give as gifts to his customers. The pens cost \$3.87 each. Which is the best estimate of the cost of the pens?

- F \$200
- G \$400
- H \$600
- J \$800

10. 0.002
11. 0.01, 0.1, 1, 11
12. 0.023, 0.032, 0.15, 0.75
13. 0.75, 2.3, 8.7
14. 0.37, 0.73, 3.07, 30.7
15. 0.9531
16. 0.8731

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1. 8.6; 0.46; \$2.60; 1.14; 2.62; 1.03
2. 3.19
3. 0.198
4. 6.238
5. 0.19
6. 6.012
7. 52.95
8. 5.264
9. 1.82
10. 23.115

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1. 2.9; 0.03; \$7.25; 0.05; 1.38; 7.48
2. 0.1
3. 6.47
4. 0.122
5. 17.3
6. 0.74
7. 0.84
8. 0.743
9. 3.43
10. 0.06
11. 11.187
12. 3.444
13. 13.46

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1. 0.18
2. 0.26
3. \$27.00
4. \$2.25
5. 0.75
6. 1.525
7. \$49.95
8. \$0.45
9. 0.036
10. 0.084
11. 2.1
12. 0.3
13. 0.042
14. 0.062
15. 0.0045

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1. 1
2. 12
3. 25
4. 4
5. 7
6. 180
7. 9
8. 3
9. 301
10. \$25
11. 0.8
12. 7.2
13. 0.1
14. 0.0
15. 0.2
16. 9.8
17. 32.0
18. 1.0

19. 9.9
20. No.  $15.3 < 15.5$

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1. C
2. H
3. 27.6 feet
4. 37.5 pounds
5. 211.96 inches
6. 421.3 miles

## Decimals Skills Checkup

### Pages 94–95

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