

Solve each problem and choose the best answer to each.

1. $0.7 \times 6 =$
- A. 0.042
 - B. 4.2
 - C. 42
 - D. 420
 - E. None of the above

2. $3.5 \times 8 =$
- A. 0.028
 - B. 2.8
 - C. 280
 - D. 28
 - E. None of the above

3. 0.04
 $\times \underline{2}$
- A. 0.08
 - B. 800
 - C. 8
 - D. 80
 - E. None of the above

4. 10.3
 $\times \underline{0.5}$
- A. 5.15
 - B. 515
 - C. 0.0515
 - D. 51.5
 - E. None of the above

5. $16.07 \times 0.66 =$
- A. 106.062
 - B. 10.6062
 - C. 1.0662
 - D. 10.662
 - E. None of the above

6. 0.0067
 $\times \underline{0.06}$
- A. 402
 - B. 4.02
 - C. 40.2
 - D. 0.00402
 - E. None of the above

7. 23.021
 $\times \underline{0.7}$
- A. 161.147
 - B. 16.1147
 - C. 161.047
 - D. 16.1047
 - E. None of the above

8. $7.2 \div 8 =$
- A. 9
 - B. 90
 - C. 0.09
 - D. 0.9
 - E. None of the above

9. $5 \overline{)0.865}$
- A. 173
 - B. 0.173
 - C. 0.0173
 - D. 17.3
 - E. None of the above

10. $4 \overline{)0.328}$
- A. 0.082
 - B. 8.2
 - C. 82
 - D. 0.82
 - E. None of the above

11. $0.669 \div 0.3 =$
- A. 0.0223
 - B. 2.23
 - C. 223
 - D. 22.3
 - E. None of the above

12. $0.9131 \div 2.3 =$
- A. 0.397
 - B. 0.3097
 - C. 39.7
 - D. 3.97
 - E. None of the above

13. $0.15 \overline{)4.83}$ A. 30.22
B. 3.022
C. 3.22
D. 32.2
E. None of the above
14. $613 \div 61.3 =$ A. 100
B. 1
C. 0.1
D. 10
E. None of the above
15. $0.31 \overline{)1674}$ A. 5400
B. 540
C. 5.4
D. 54
E. None of the above
16. The circumference (distance around) of a circle is found by multiplying the diameter of the circle by 3.14. What is the circumference of a pulley with a diameter of 15.5 inches?
- A. 48.67 B. 471.2
C. 47.12 D. 486.7
17. The diameter of a circle is two times the radius. If the radius of a pulley is 6.5, what is the circumference?
- A. 40.82 B. 408.2
C. 204.1 D. 20.41
18. One centimeter is about 0.4 ". About how many centimeters are equal to a 12" ruler?
- A. 144 B. 14.4
C. 3 D. 30
19. Frank earns \$5.75 per hour. When he works over 40 hours, he earns \$8.65 per hour for the overtime hours. How much did he earn last week when he worked 43 hours?
- A. \$204.05 B. \$230.00
C. \$255.95 D. \$247.25
20. If a truck gets 14.2 miles per gallon, how many gallons are used on a 300-mile trip? Round your answer to the nearest whole number.
- A. 20 B. 22
C. 21 D. 19

Answer Key

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