

[Type here]

# Arithmetic Practice Test

## SECTION ONE

ADD:

1. 
$$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$$
 (A) 12  
(B) 15  
(C) 16  
(D) 17  
(E) 18
2. 
$$\begin{array}{r} 28 \\ + 34 \\ \hline \end{array}$$
 (A) 62  
(B) 63  
(C) 64  
(D) 65  
(E) 66
3. 
$$\begin{array}{r} 57 \\ + 95 \\ \hline \end{array}$$
 (A) 148  
(B) 149  
(C) 150  
(D) 151  
(E) 152
4. 
$$\begin{array}{r} 69 \\ 44 \\ + 88 \\ \hline \end{array}$$
 (A) 198  
(B) 199  
(C) 200  
(D) 201  
(E) 202
5. 
$$\begin{array}{r} 831 \\ + 65 \\ \hline \end{array}$$
 (A) 895  
(B) 896  
(C) 897  
(D) 898  
(E) 899
6. 
$$\begin{array}{r} 547 \\ + 364 \\ \hline \end{array}$$
 (A) 899  
(B) 900  
(C) 909  
(D) 910  
(E) 911
7. 
$$\begin{array}{r} 682 \\ 715 \\ + 468 \\ \hline \end{array}$$
 (A) 1864  
(B) 1865  
(C) 1866  
(D) 1867  
(E) 1868

SUBTRACT:

8. 
$$\begin{array}{r} 23 \\ - 6 \\ \hline \end{array}$$
 (A) 15  
(B) 16  
(C) 17  
(D) 18  
(E) 19
9. 
$$\begin{array}{r} 67 \\ - 29 \\ \hline \end{array}$$
 (A) 35  
(B) 36  
(C) 37  
(D) 38  
(E) 39
10. 
$$\begin{array}{r} 89 \\ - 24 \\ \hline \end{array}$$
 (A) 65  
(B) 66  
(C) 67  
(D) 68  
(E) 69
11. 
$$\begin{array}{r} 462 \\ - 18 \\ \hline \end{array}$$
 (A) 448  
(B) 451  
(C) 452  
(D) 453  
(E) 454
12. 
$$\begin{array}{r} 967 \\ - 359 \\ \hline \end{array}$$
 (A) 605  
(B) 606  
(C) 607  
(D) 608  
(E) 609
13. 
$$\begin{array}{r} 8901 \\ - 1514 \\ \hline \end{array}$$
 (A) 7383  
(B) 7384  
(C) 7387  
(D) 7386  
(E) 7388
14. 
$$\begin{array}{r} 6211 \\ - 5698 \\ \hline \end{array}$$
 (A) 512  
(B) 513  
(C) 514  
(D) 516  
(E) 517

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# Arithmetic Practice Test

## SECTION ONE

### MULTIPLY:

15.  $\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$  (A) 54  
(B) 56  
(C) 57  
(D) 58  
(E) 59
16.  $\begin{array}{r} 56 \\ \times 19 \\ \hline \end{array}$  (A) 1,064  
(B) 1,066  
(C) 1,067  
(D) 1,068  
(E) 1,069
17.  $\begin{array}{r} 456 \\ \times 28 \\ \hline \end{array}$  (A) 12,764  
(B) 12,766  
(C) 12,767  
(D) 12,768  
(E) 12,769
18.  $\begin{array}{r} 764 \\ \times 437 \\ \hline \end{array}$  (A) 333,867  
(B) 333,868  
(C) 333,869  
(D) 333,888  
(E) 333,864
19.  $\begin{array}{r} 302 \\ \times 123 \\ \hline \end{array}$  (A) 37,146  
(B) 37,144  
(C) 37,145  
(D) 37,148  
(E) 37,149
20.  $\begin{array}{r} 479 \\ \times 57 \\ \hline \end{array}$  (A) 27,298  
(B) 27,299  
(C) 27,301  
(D) 27,302  
(E) 27,303
21.  $\begin{array}{r} 682 \\ \times 319 \\ \hline \end{array}$  (A) 217,556  
(B) 217,557  
(C) 217,558  
(D) 217,559  
(E) 217,546

### DIVIDE:

22.  $35 \div 5$  (A) 4  
(B) 5  
(C) 6  
(D) 7  
(E) 8
23.  $358 \div 3$  (A) 117 remainder 2  
(B) 118 remainder 2  
(C) 119 remainder 1  
(D) 120 remainder 5  
(E) 123 remainder 1
24.  $4,123 \div 7$  (A) 589  
(B) 579  
(C) 588  
(D) 578  
(E) 587
25.  $7,284 \div 6$  (A) 1,113  
(B) 1,214  
(C) 1,218  
(D) 1,124  
(E) 1,114
26.  $267 \div 13$  (A) 22 remainder 3  
(B) 21 remainder 4  
(C) 20 remainder 7  
(D) 19 remainder 6  
(E) 18 remainder 5
27.  $2,2632 \div 69$  (A) 228  
(B) 326  
(C) 246  
(D) 328  
(E) 338

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# Arithmetic Practice Test

**SECTION ONE**

## ANSWERS

ADD	
1	C
2	A
3	E
4	D
5	B
6	E
7	B
SUBTRACT	
8	C
9	B
10	A
11	E
12	D
13	C
14	B
MULTIPLY	
15	C
16	A
17	D
18	B
19	A
20	E
21	C
DIVIDE	
22	D
23	C
24	A
25	B
26	C
27	D

[Type here]

# Arithmetic Practice Test

## SECTION TWO

### ADD:

1.  $\frac{3}{16}$   
 $+ \frac{5}{8}$

- (A)  $\frac{3}{4}$
- (B)  $\frac{15}{16}$
- (C)  $\frac{11}{16}$
- (D)  $\frac{7}{8}$
- (E)  $\frac{13}{16}$

2.  $2 \frac{1}{5}$   
 $+ \frac{5}{8}$

- (A)  $2 \frac{7}{8}$
- (B)  $2 \frac{15}{40}$
- (C)  $2 \frac{3}{4}$
- (D)  $2 \frac{33}{40}$
- (E)  $2 \frac{11}{20}$

3.  $5 \frac{7}{8}$   
 $+ \frac{5}{7}$

- (A)  $5 \frac{35}{56}$
- (B)  $6 \frac{9}{16}$
- (C)  $6 \frac{15}{32}$
- (D)  $6 \frac{5}{32}$
- (E)  $6 \frac{33}{56}$

### SUBTRACT:

4.  $\frac{5}{6}$   
 $- \frac{9}{16}$

- (A)  $\frac{13}{48}$
- (B)  $\frac{7}{8}$
- (C)  $\frac{1}{4}$
- (D)  $\frac{15}{48}$
- (E)  $\frac{5}{24}$

5.  $17$   
 $- 4 \frac{1}{5}$

- (A)  $13 \frac{4}{5}$
- (B)  $12 \frac{4}{5}$
- (C)  $12 \frac{1}{10}$
- (D)  $13 \frac{3}{5}$
- (E)  $12 \frac{1}{5}$

6.  $5 \frac{3}{16}$   
 $- 3 \frac{7}{12}$

- (A)  $1 \frac{29}{48}$
- (B)  $1 \frac{1}{4}$
- (C)  $2 \frac{1}{12}$
- (D)  $2 \frac{1}{16}$
- (E)  $1 \frac{3}{32}$

### MULTIPLY:

7.  $\frac{1}{5} \times \frac{5}{8}$

- (A)  $\frac{1}{5}$
- (B)  $\frac{1}{40}$
- (C)  $\frac{1}{20}$
- (D)  $\frac{3}{40}$
- (E)  $\frac{1}{8}$

8.  $3 \times \frac{2}{15}$

- (A)  $1 \frac{1}{3}$
- (B)  $\frac{1}{15}$
- (C)  $\frac{1}{5}$
- (D)  $\frac{2}{5}$
- (E)  $\frac{3}{5}$

9.  $5 \frac{5}{8} \times 7$

- (A)  $310 \frac{1}{4}$
- (B)  $312 \frac{3}{8}$
- (C)  $311 \frac{1}{8}$
- (D)  $312 \frac{1}{2}$
- (E)  $311 \frac{5}{8}$

### DIVIDE:

10.  $\frac{5}{8} \div \frac{1}{16}$

- (A)  $9 \frac{15}{16}$
- (B)  $10 \frac{1}{16}$
- (C)  $9 \frac{7}{8}$
- (D)  $10$
- (E)  $10 \frac{1}{8}$

11.  $12 \div \frac{4}{7}$

- (A)  $21 \frac{2}{7}$
- (B)  $22$
- (C)  $21$
- (D)  $21 \frac{1}{4}$
- (E)  $22 \frac{1}{16}$

12.  $6 \frac{1}{3} \div 2 \frac{1}{6}$

- (A)  $2 \frac{5}{6}$
- (B)  $2 \frac{35}{39}$
- (C)  $2 \frac{1}{2}$
- (D)  $2 \frac{5}{8}$
- (E)  $2 \frac{36}{39}$

[Type here]

# Arithmetic Practice Test

## SECTION TWO

### ADD:

13. 
$$\begin{array}{r} 5.8 \\ + 3.5 \\ \hline \end{array}$$
 (A) 9.3  
(B) 8.3  
(C) 9.2  
(D) 8.2  
(E) 9.4
14. 
$$\begin{array}{r} 69.82 \\ 3.7 \\ + 126.69 \\ \hline \end{array}$$
 (A) 201.21  
(B) 200.21  
(C) 200.31  
(D) 201.31  
(E) 200.11

### SUBTRACT:

15. 
$$\begin{array}{r} 68.87 \\ - 8.19 \\ \hline \end{array}$$
 (A) 59.88  
(B) 60.78  
(C) 59.87  
(D) 60.68  
(E) 60.96
16. 
$$\begin{array}{r} 336.14 \\ - 192.418 \\ \hline \end{array}$$
 (A) 143.622  
(B) 142.239  
(C) 143.832  
(D) 141.728  
(E) 143.722

### MULTIPLY:

17. 
$$\begin{array}{r} 85.7 \\ \times .08 \\ \hline \end{array}$$
 (A) 6.856  
(B) 6.679  
(C) 6.976  
(D) 6.866  
(E) 6.816
18. 
$$\begin{array}{r} 69.3 \\ \times 14.23 \\ \hline \end{array}$$
 (A) 986.143  
(B) 988.139  
(C) 986.139  
(D) 987.148  
(E) 986.019

### DIVIDE:

19.  $30.277 \div .004$  (A) 75,692.5  
(B) 756,925  
(C) 7,568.25  
(D) 7,569.25  
(E) 75,658.5
20.  $200 \div 2.5$  (A) 8  
(B) 80  
(C) .8  
(D) .80  
(E) 800

### SOLVE:

21. 125% changed to a decimal is: (A) 125  
(B) 00.125  
(C) 0.125  
(D) 12.5  
(E) 1.25
22. 75% changed to a decimal is: (A) 75  
(B) 750  
(C) 00.75  
(D) 7.5  
(E) 0.75
23. 4% of 960 = (A) 38.4  
(B) 3.84  
(C) 40.6  
(D) 4.06  
(E) 34.8
24. 125% of 36 = (A) 4.5  
(B) 40  
(C) 45  
(D) 55  
(E) 5.5

[Type here]

## Arithmetic Practice Test

SECTION TWO

25. 5  $\frac{1}{4}$ % of \$5,000 = (A) \$26.25  
(B) \$262.5  
(C) \$2,625  
(D) \$2.625  
(E) \$0.2625
26. 15 is what % of 540 = (A) 2.6%  
(B) 2.5%  
(C) 25%  
(D) 2.78%  
(E) 27%
27. 80 is what % of 50 = (A) 150%  
(B) 33.3%  
(C) 125%  
(D) 75%  
(E) 160%

[Type here]

# Arithmetic Practice Test

**SECTION TWO**

**ANSWERS:**

1	C
2	D
3	E
4	A
5	B
6	A
7	E
8	D
9	B
10	D
11	C
12	E
13	A
14	B
15	D
16	E
17	A
18	C
19	D
20	B
21	E
22	E
23	A
24	C
25	B
26	D
27	E

[Type here]

# Arithmetic Practice Test

## SECTION THREE

SOLVE:

1. The square root of 81 =  
(A) 5  
(B) 6  
(C) 7  
(D) 8  
(E) 9
2. Which is **not** a prime number?  
(A) 21  
(B) 19  
(C) 17  
(D) 13  
(E) 11
3. 2,659 rounded off to the nearest hundred is?  
(A) 2,600  
(B) 2,650  
(C) 2,660  
(D) 2,700  
(E) 3,000
4. What has the largest numerical value?  
(A) 3.615  
(B) 361%  
(C) 3.6154  
(D) 3.61  
(E) 3.061
5. What has the smallest numerical value?  
(A) .561  
(B) .5%  
(C) 5%  
(D) .5612  
(E) 56.1%
6.  $32 - 6 \times 5 =$   
(A) 130  
(B) 0  
(C) 8  
(D) 125  
(E) 2
7.  $16 - 9 \times 3 =$   
(A) -11  
(B) -21  
(C) 11  
(D) 21  
(E) 15

SOLVE:

8.  $20 + 6 \div 3 =$   
(A) 8.66  
(B) 22  
(C) 21  
(D) 18  
(E) 5.5
9.  $20 \times 3 + 6 =$   
(A) 66  
(B) 180  
(C) 63  
(D) 90  
(E) 132
10.  $18 \div 2 + 8 =$   
(A) 1.8  
(B) 21  
(C) 6.2  
(D) 24  
(E) 17
11.  $(16 + 4) \times 2 =$   
(A) 40  
(B) 24  
(C) 26  
(D) 22  
(E) 48
12.  $(15 \div 3) \times 4 =$   
(A) 0.066  
(B) 9  
(C) 25  
(D) 20  
(E) 18
13.  $10^8 =$   
(A) 1,000  
(B) 10,000  
(C) 100,000  
(D) 1,000,000  
(E) 100,000,000
14. If the radius of a circle is 9", the diameter of the same circle is?  
(A) 3  
(B) 9  
(C) 18  
(D) 27  
(E) 3.14



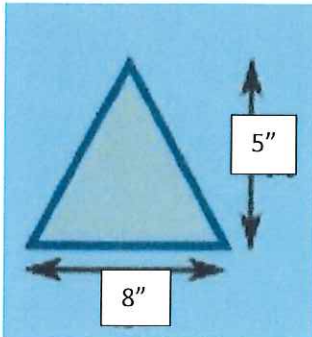
[Type here]

# Arithmetic Practice Test

## SECTION THREE

SOLVE:

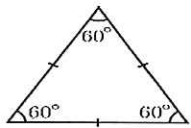
15.



Find the AREA of the above triangle =

- (A) 40"
- (B) 30"
- (C) 20"
- (D) 15"
- (E) 10"

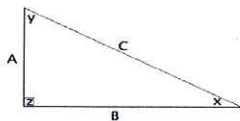
16.



What type of triangle is shown above?

- (A) Right
- (B) Isosceles
- (C) Equilateral
- (D) Scalene
- (E) Obtuse

17.

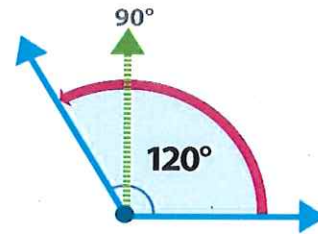


What type of triangle is shown above?

- (A) Right
- (B) Isosceles
- (C) Equilateral
- (D) Scalene
- (E) Obtuse

SOLVE:

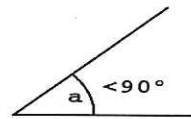
18.



What type of angle is shown above?

- (A) Concave
- (B) Straight
- (C) Right
- (D) Obtuse
- (E) Acute

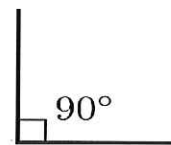
19.



What type of angle is shown above?

- (A) Concave
- (B) Straight
- (C) Right
- (D) Obtuse
- (E) Acute

20.



What type of angle is shown above?

- (A) Concave
- (B) Straight
- (C) Right
- (D) Obtuse
- (E) Acute

[Type here]

# Arithmetic Practice Test

## SECTION THREE

SOLVE:

21.  $8 + (-3) =$
- (A) 11
  - (B) (-11)
  - (C) 5
  - (D) (-5)
  - (E) (-2)
22.  $2 + (-35) =$
- (A) 37
  - (B) (-37)
  - (C) 33
  - (D) (-33)
  - (E) 32
23.  $3 - (-15) =$
- (A) 18
  - (B) (-18)
  - (C) 12
  - (D) (-12)
  - (E) (-13)
24.  $-8 - (-12) +$
- (A) (-20)
  - (B) 20
  - (C) (-16)
  - (D) 16
  - (E) 4
25.  $-48 \div 16 =$
- (A) 4
  - (B) (-4)
  - (C) 3
  - (D) (-3)
  - (E) 8
26.  $75 \div (-5) =$
- (A) (-15)
  - (B) 15
  - (C) (-25)
  - (D) 25
  - (E) (-13)

SOLVE:

27.  $12 \times (-7) =$
- (A) 72
  - (B) (-72)
  - (C) 84
  - (D) (-84)
  - (E) 96
28.  $-7 \times (-5) =$
- (A) 35
  - (B) (-35)
  - (C) 49
  - (D) (-49)
  - (E) 56
29. Solve for X:  
 $(8 - 4) + 2X = 14$
- (A) 10
  - (B) (-10)
  - (C) 5
  - (D) (-5)
  - (E) 8
30. Solve for X:  
 $\{6 - (-6)\} + 5X = (-23)$
- (A) 8
  - (B) (-8)
  - (C) 12
  - (D) 7
  - (E) (-7)
31. Interest at the bank is 1.6% compounded monthly, You have \$5,000.00 in your account, after 1 month how much will you have?
- (A) \$5,250
  - (B) \$5,160
  - (C) \$5,100
  - (D) \$5,080
  - (E) \$5,016
32. You are purchasing a new pair of work boots that list for \$325. You have a coupon that takes of 35%. The sales person will take off an additional 5% because you are a Union Member, what price will you pay for the boots?
- (A) \$220.69
  - (B) \$215.69
  - (C) \$210.69
  - (D) \$205.69
  - (E) \$200.69

[Type here]

# Arithmetic Practice Test

## SECTION THREE

### ANSWERS:

1.	E
2.	A
3.	D
4.	C
5.	D
6.	E
7.	A
8.	B
9.	A
10.	E
11.	A
12.	D
13.	E
14.	C
15.	C
16.	C
17.	A
18.	D
19.	E
20.	C
21.	C
22.	D
23.	A
24.	E
25.	D
26.	A
27.	D
28.	A
29.	C
30.	E
31.	D
32.	E