

25. A line segment begins at point $(-1, -2)$ and ends at point $(5, 6)$. What is the slope of the line segment?

Slope formula: $m = \frac{y_2 - y_1}{x_2 - x_1}$

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

(A) (B) (C) (D)

28. A pizza delivery company runs a special. They charge \$7.00 per large pizza plus a \$2.00 delivery charge. Which equation could be used to find the total cost for x pizzas?

- A $y = 7x + 2$
- B $y = (7 + 2)x$
- C $y = 2x + 7$
- D $y = \frac{x}{7} + 2$

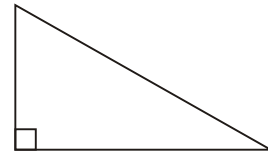
(A) (B) (C) (D)

26. A jar of candy contains 12 orange-flavored pieces, 10 cherry-flavored pieces, 5 lemon-flavored pieces, and 8 sour-apple flavored pieces. If a piece of candy is chosen randomly, what is the probability that it will be either lemon-flavored or cherry-flavored?

- A $\frac{1}{7}$
- B $\frac{3}{7}$
- C $\frac{2}{35}$
- D $\frac{2}{49}$

(A) (B) (C) (D)

29. Which set of numbers could be the lengths of the sides of a right triangle?



- A {2, 2, 3}
- B {4, 5, 6}
- C {5, 12, 13}
- D {6, 8, 12}

(A) (B) (C) (D)

27. If $f(x) = -x^2 + 3$, what is $f(-1)$?

- A 1
- B 2
- C 4
- D 5

(A) (B) (C) (D)

30. What is the mode of the following data set?

4, 5, 5, 3, 8, 5, 4, 2, 5, 2

- A 4.2
- B 4.5
- C 5
- D 6

(A) (B) (C) (D)

Practice Test 1

Evaluation Chart

Note: *Section 1* covers basic skills that should be reviewed first before going on to the more specific skills listed for each question below.

If you missed question #:	Go to section(s):	If you missed question #:	Go to section(s):	If you missed question #:	Go to section(s):
1	3.1, 3.2, 3.3, 11.1	35	6.4, 6.6	69	13.1, 13.4
2	3.1, 3.2, 3.3, 3.5, 3.8, 11.1, 11.2	36	16.2, 18.3, 18.4	70	7.1, 7.2, 19.3, 19.4, 19.5, 19.6
3	3.3, 4.1, 4.2, 4.4, 4.5, 4.6	37	20.1, 20.2, 20.3, 20.5	71	6.1, 6.4, 6.5, 6.6
4	6.1, 6.3	38	4.1, 4.2, 4.3, 4.4	72	15.1, 15.2, 15.3
5	2.1, 2.2, 2.3, 2.4	39	6.4, 6.6, 6.7	73	20.1, 20.2, 20.3, 20.8, 20.9, 20.10
6	12.2, 12.3	40	17.2, 17.3, 17.4, 18.1, 18.6	74	20.1, 20.2, 22.1, 22.2, 22.3, 22.4
7	13.4, 14.2	41	19.1, 19.3, 19.4, 19.5	75	5.1, 5.2, 5.3, 5.4, 5.5
8	18.1, 18.2	42	8.5, 9.1, 14.2, 14.5, 14.6	76	7.1
9	3.1, 3.2, 3.3, 3.4, 3.5, 3.8, 11.1, 11.2	43	20.1, 20.2, 22.1, 22.2, 22.3, 22.4	77	5.1, 5.2, 5.3, 5.4, 5.5
10	4.3, 10.1, 10.2, 10.3	44	6.1, 6.2	78	23.1, 23.6
11	8.1, 9.3	45	6.1, 6.3	79	7.1
12	3.1, 3.3, 3.6, 3.7, 3.8	46	18.1, 18.5	80	7.1, 7.2, 7.4, 7.5, 7.7
13	3.3, 3.5, 3.8, 11.1, 11.3, 11.4, 11.5	47	15.1, 15.4, 15.5	81	18.3, 18.4
14	20.1, 20.2, 20.3, 20.5, 20.6, 20.7	48	15.1, 15.3, 17.3	82	15.1, 15.2, 16.6, 16.7
15	15.1, 15.2, 16.1	49	15.1, 15.2, 16.4, 16.5, 16.6, 16.7	83	15.1, 15.2, 16.6, 16.7
16	15.1, 15.2, 16.2	50	15.1, 15.2, 16.4, 16.5	84	15.1, 15.2, 16.3, 18.3
17	2.1, 2.2, 3.1, 3.2, 3.3, 11.1	51	2.1, 2.2, 2.5	85	16.6, 16.7, 17.3
18	13.1, 13.3	52	13.1, 13.2, 13.6, 13.7	86	24.1, 24.2, 24.3
19	13.1, 13.2, 14.3	53	4.2, 13.1, 13.7, 14.1, 14.5	87	20.1, 20.2, 20.3, 20.5, 20.6, 20.7
20	19.1, 19.3, 19.4, 19.5	54	6.1, 6.3	88	21.1, 21.2, 21.3
21	13.1	55	10.1, 10.2, 10.4	89	6.1, 6.3, 6.4, 6.5, 6.7
22	4.1, 4.2, 4.4, 4.5, 4.6, 5.3	56	13.3, 14.4	90	22.1, 22.2, 22.3
23	18.1, 18.2	57	19.1, 19.3, 19.4, 19.5	91	23.1, 23.4
24	4.1, 4.2, 4.4, 4.5, 5.3	58	18.1	92	5.1, 5.2, 5.3, 5.4, 5.5, 5.7
25	15.1, 15.2, 15.3	59	8.1, 11.7	93	24.1, 24.2
26	24.1, 24.2, 24.5	60	21.1, 21.2	94	21.1, 21.2, 21.3, 21.4
27	18.1, 18.2	61	3.6, 3.7, 8.4, 12.1, 12.5	95	8.2, 8.3
28	7.1, 7.4	62	15.1, 15.2, 16.6, 16.7	96	21.1, 21.2, 21.3, 21.4
29	20.1, 20.2, 22.1, 22.2, 22.3	63	9.1	97	15.1, 15.6
30	23.1, 23.5	64	7.1, 7.2, 7.3	98	23.1, 23.2, 23.3
31	18.1, 18.3	65	24.1, 24.2, 24.4	99	5.1, 5.2, 5.3, 5.4, 5.5, 5.6
32	16.6, 16.7, 19.1, 19.2	66	8.4	100	18.1, 18.4
33	4.3, 12.2, 12.3, 12.4	67	7.1, 7.2, 19.3, 19.4, 19.5, 19.6		
34	8.1	68	6.1, 6.3, 6.4, 6.5		