



THIRD SPACE
LEARNING

How to find the y intercept Worksheet

Algebra

Grades 9 to 12

Questions

Name:

Date:

1 $y = 3x - 2.7$

Answer

2 $\frac{1}{2}x - 4 = y$

Answer

3 $y + 7 = -15(x - 4)$

Answer

4 $2(2x + y) = 5$

Answer

5 $y = -\frac{3}{4}x + 66$

Answer

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6 $3x - y = -9$

Answer

7 $y - 5 = 2(x - 4)$

Answer

8 $-2x + 3y = 120$

Answer

9 $6x + 9y = 1.8$

Answer

10 $y - \frac{1}{2} = \frac{2}{3}x$

Answer

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11 $2x^2 + 5x + 3 = y$

Answer

12 $y = (x - 3)^2 + 8$

Answer

13 $y - \frac{1}{3} = -\frac{3}{7}x^2 + 4x$

Answer

14 $y = (x - 4)(x + 5)$

Answer

15 $y = (x - 8)^2 - 80$

Answer

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16 $y + 10 - 7x = -x^2$

Answer

17 $0.2x^2 - 0.4x + 0.12 = y$

Answer

18 $y = 3(x - 9)(x - 1)$

Answer

19 $3(x^2 + 2x + 3) = y$

Answer

20 $y = (x - \frac{1}{8})^2 + \frac{1}{2}$

Answer

Answers

Question number	Question	Answers	Standard
1	$y = 3x - 2.7$	-2.7	HS.IF.C.7a
2	$\frac{1}{2}x - 4 = y$	-4	HS.IF.C.7a
3	$y + 7 = -15(x - 4)$	53	HS.IF.C.7a
4	$2(2x + y) = 5$	2.5	HS.IF.C.7a
5	$y = -\frac{3}{4}x + 66$	66	HS.IF.C.7a
6	$3x - y = -9$	9	HS.IF.C.7a
7	$y - 5 = 2(x - 4)$	-3	HS.IF.C.7a
8	$-2x + 3y = 120$	40	HS.IF.C.7a
9	$6x + 9y = 1.8$	0.2	HS.IF.C.7a
10	$y - \frac{1}{2} = \frac{2}{3}x$	$\frac{1}{2}$	HS.IF.C.7a
11	$2x^2 + 5x + 3 = y$	3	HS.IF.C.7a
12	$y = (x - 3)^2 + 8$	17	HS.IF.C.7a
13	$y - \frac{1}{3} = -\frac{3}{7}x^2 + 4x$	$\frac{1}{3}$	HS.IF.C.7a
14	$y = (x - 4)(x + 5)$	-20	HS.IF.C.7a
15	$y = (x - 8)^2 - 80$	-16	HS.IF.C.7a
16	$y + 10 - 7x = -x^2$	-10	HS.IF.C.7a
17	$0.2x^2 - 0.4x + 0.12 = y$	0.12	HS.IF.C.7a

How to find the y intercept Worksheet | Grades 9 to 12 | Answers




Question number	Question	Answers	Standard
18	$y = 3(x - 9)(x - 1)$	27	HS.IF.C.7a
19	$3(x^2 + 2x + 3) = y$	9	HS.IF.C.7a
20	$y = (x - \frac{1}{8})^2 + \frac{1}{2}$	$\frac{33}{64}$ or 0.515625	HS.IF.C.7a

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