

Solve.

1. $y = 4x$
 $x + 2y = 18$

2. $y = 3x$
 $-9x - y - 4 = 0$

3. $y = -\frac{4}{5}x$
 $7x + 10y = 10$

4. $4x - 5y = -28$
 $-4x + y = -4$

5. $-3x + y = -3$
 $5x - 2y = 10$

6. $-x - 3y = 2$
 $x + 3y = -4$

7. $x + y = 4$
 $3x + 3y = 12$

8. $2x - 4y = 6$
 $x - 2y = 3$

9. $2x - 7y = 6$
 $2x - 3y = 14$

10. $-11x + 2y = -8$
 $-11x - 3y = 12$

1.
Answer: $(2, 8)$
CodePath: EAS.ALG.Q.A.54
2.
Answer: $(-\frac{1}{3}, -1)$
CodePath: EAS.ALG.Q.A.55
3.
Answer: $(-10, 8)$
CodePath: EAS.ALG.Q.A.57
4.
Answer: $(3, 8)$
CodePath: EAS.ALG.Q.B.8
5.
Answer: $(-4, -15)$
CodePath: EAS.ALG.Q.B.15
6.
Answer: \emptyset
CodePath: EAS.ALG.Q.B.22
7.
Answer: coincide
CodePath: EAS.ALG.Q.B.25
8.
Answer: coincide
CodePath: EAS.ALG.Q.B.26
9.
Answer: $(10, 2)$
CodePath: EAS.ALG.Q.B.29
10.
Answer: $(0, -4)$
CodePath: EAS.ALG.Q.B.30