

14-01-22-T8

**Write the standard form of the equation of the line through the given points.**

1) through:  $(0, 5)$  and  $(1, 3)$

2) through:  $(0, -4)$  and  $(-5, -5)$

3) through:  $(-3, 0)$  and  $(0, 4)$

4) through:  $(-4, 2)$  and  $(-3, 3)$

5) through:  $(-3, -5)$  and  $(1, 1)$

6) through:  $(-3, 0)$  and  $(-4, 1)$

7) through:  $(-2, -1)$  and  $(0, -5)$

8) through:  $(-3, -3)$  and  $(5, 1)$

9) through:  $(-1, 4)$  and  $(0, 3)$

10) through:  $(0, 5)$  and  $(4, -4)$

## Answers to 14-01-22-T8

1)  $2x + y = 5$

5)  $3x - 2y = 1$

9)  $x + y = 3$

2)  $x - 5y = 20$

6)  $x + y = -3$

10)  $9x + 4y = 20$

3)  $4x - 3y = -12$

7)  $2x + y = -5$

4)  $x - y = -6$

8)  $x - 2y = 3$