



Math worksheet on 'Slope - Find Perpendicular - Fraction Slope to Standard Form (Level 1)'. Part of a broader unit on 'Slopes and Perpendiculars - Practice'

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2 What line equation in standard form would have a slope that is PERPENDICULAR to this slope?

$$m = -\frac{1}{5}$$

a

$$-7.5x + 3y = 3$$

b

$$10x + 2y = 2$$

c

$$-15x + 3y = 3$$

d

$$-0.4x + 2y = 2$$

1 What line equation in standard form would have a slope that is PERPENDICULAR to this slope?

$$m = -3$$

a

$$0.33x + 1y = 2$$

b

$$-3x + 1y = 2$$

c

$$-1x + 3y = 6$$

d

$$-0.17x + 1y = 2$$

3 What line equation in standard form would have a slope that is PERPENDICULAR to this slope?

$$m = -\frac{1}{4}$$

a

$$-0.25x + 1y = 1$$

b

$$-4x + 1y = 1$$

c

$$12x + 3y = 3$$

d

$$-4x + 2y = 2$$

4 What line equation in standard form would have a slope that is PERPENDICULAR to this slope?

$$m = -1$$

a

$$-1x + 1y = 3$$

b

$$1x + 1y = 3$$

c

$$-1.5x + 3y = 9$$

d

$$-3x + 3y = 9$$

5 What line equation in standard form would have a slope that is PERPENDICULAR to this slope?

$$m = 1$$

a

$$2x + 2y = 2$$

b

$$-2x + 2y = 2$$

c

$$0.5x + 1y = 1$$

6 What line equation in standard form would have a slope that is PERPENDICULAR to this slope?

$$m = -\frac{1}{3}$$

a

$$-0.33x + 1y = 2$$

b

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

c

$$-1.5x + 1y = 2$$

d

$$6x + 2y = 4$$

7 What line equation in standard form would have a slope that is PERPENDICULAR to this slope?

$$m = 3$$

a

$$0.67x + 2y = 4.67$$

b

$$-1x + 3y = 7$$

c

$$3x + 1y = 2.33$$

d

$$0.33x + 2y = 4.67$$