Math worksheet on *'Slope - Find Parallel - Standard Form to Standard Form (Level 1)'*. Part of a broader unit on *'Slopes and Parallels - Practice'*

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**1** What line equation in standard form would have a slope that is PARALLEL to the slope of this line equation?

$$2x + 1y = 2$$

| | | | |
|---|---|---|---|
| **a** | $2x + 1y = 2$ | **b** | $-4x + 2y = 4$ |
| **c** | $1x + 1y = 2$ | **d** | $0.5x + 1y = 2$ |

**2** What line equation in standard form would have a slope that is PARALLEL to the slope of this line equation?

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

| | | | |
|---|---|---|---|
| **a** | $-0.67x + 2y = 2$ | **b** | $0.33x + 1y = 1$ |
| **c** | $-0.17x + 1y = 1$ | **d** | $-9x + 3y = 3$ |

**3** What line equation in standard form would have a slope that is PARALLEL to the slope of this line equation? $1x + 3y = 1$

| | | | |
|---|---|---|---|
| **a** | $0.33x + 2y = 0.67$ | **b** | $-1x + 3y = 1$ |
| **c** | $1x + 3y = 1$ | **d** | $3x + 1y = 0.33$ |

**4** What line equation in standard form would have a slope that is PARALLEL to the slope of this line equation?

$$0.25x + 1y = 3.25$$

| | | | |
|---|---|---|---|
| **a** | $0.38x + 3y = 9.75$ | **b** | $8x + 2y = 6.5$ |
| **c** | $0.5x + 2y = 6.5$ | **d** | $-0.75x + 3y = 9.75$ |

**5** What line equation in standard form would have a slope that is PARALLEL to the slope of this line equation? $0.2x + 1y = 3.2$

| | | | |
|---|---|---|---|
| **a** | $0.2x + 1y = 3.2$ | **b** | $-0.2x + 1y = 3.2$ |
| **c** | $10x + 2y = 6.4$ | **d** | $0.2x + 2y = 6.4$ |

**6** What line equation in standard form would have a slope that is PARALLEL to the slope of this line equation?

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

| | | | |
|---|---|---|---|
| **a** | $-1x + 1y = 1$ | **b** | $3x + 3y = 3$ |
| **c** | $-1.5x + 3y = 3$ | **d** | $-3x + 3y = 3$ |

**7** What line equation in standard form would have a slope that is PARALLEL to the slope of this line equation?

$$1x + 1y = 2$$

| | | | |
|---|---|---|---|
| **a** | $3x + 3y = 6$ | **b** | $-1x + 1y = 2$ |
| **c** | $1.5x + 3y = 6$ | | |