DarTutors · Equation from Gradient and a Point

Name: Date:

1. A line has gradient 3 and passes through (8, 20). Find the equation of the line, in the form y = mx + c.

2. A line has gradient -2 and passes through (-7, 21). Find the equation of the line, in the form y = mx + c.

3. A line has gradient -1 and passes through (5, -14). Find the equation of the line, in the form y = mx + c.

4. A line has gradient 3 and passes through (6, 9). Find the equation of the line, in the form y = mx + c.

5. A line has gradient -4 and passes through (-1, 11). Find the equation of the line, in the form y = mx + c.

6. A line has gradient -5 and passes through (-1, 12). Find the equation of the line, in the form y = mx + c.

7. A line has gradient 1 and passes through (-2, -3). Find the equation of the line, in the form y = mx + c.

8. A line has gradient 3 and passes through (6, 15). Find the equation of the line, in the form y = mx + c.

DarTutors · Equation from Gradient and a Point ANSWER KEY

1. y = 3x - 4

2. y = -2x + 7

3. y = -x - 9

4. y = 3x - 9

5. y = -4x + 7

6. y = -5x + 7

7. y = x - 1

8. y = 3x - 3

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