

Finding Slope From Two Points: Card Sort

Put the cards from page 1 into the correct rows below based on their slopes.

Order of cards may vary.

| Slope | Pairs of points | | |
|--------------------|------------------------------|----------------------------|-----------------------------|
| $m = 0$ | $(-6, -2)$ and $(-1, -2)$ | $(7, 5)$ and $(9, 5)$ | $(-18, 12)$ and $(14, 12)$ |
| $m = \frac{3}{5}$ | $(14, -5)$ and $(19, -2)$ | $(-1, -23)$ and $(4, -20)$ | $(17, 13)$ and $(22, 16)$ |
| $m = \frac{3}{4}$ | $(-2, 7)$ and $(2, 10)$ | $(11, -8)$ and $(15, -5)$ | $(-12, -9)$ and $(-8, -6)$ |
| $m = 6$ | $(6, 4)$ and $(7, 10)$ | $(-2, -3)$ and $(-1, 3)$ | $(12, -20)$ and $(13, -14)$ |
| m is undefined | $(-10, -12)$ and $(-10, -8)$ | $(14, 17)$ and $(14, 21)$ | $(-1, 3)$ and $(-1, -3)$ |
| $m = -4$ | $(9, 6)$ and $(10, 2)$ | $(4, 7)$ and $(5, 3)$ | $(-4, -1)$ and $(-3, -5)$ |
| $m = -\frac{1}{4}$ | $(11, 10)$ and $(7, 11)$ | $(-5, 5)$ and $(-9, 6)$ | $(12, -3)$ and $(16, -4)$ |