

Spiral^{*} #9

NAME: _____
7th grade

Distribute.

1) $6(x+4)$

2) $3(x-2)$

3) $5(4x+7)$

4) $2(9x-4)$

5) $-2(x+3)$

6) $-6(x-4)$

7) $-4(3x+7)$

8) $-5(-6x-2)$

Solve.

$$1) \frac{2}{3}x + 5 = 10$$

$$2) 4x - 8x + 1 = 9$$

$$3) 3 = 7x + 9x$$

$$4) 4(x - 3) = 19$$

$$5) 5x + 7 = 3 - 2x$$

$$6) 4 = 2(3x + 1)$$

$$7) -6 + \frac{1}{2}x = -3$$

$$8) 2x + 7 = 3x$$

$$9) -4(2x-1) = 17 \quad 10) 4x - 6 = 7x - 9$$

$$11) 3x - 6 + 4x = 10 \quad 12) -6x - 1 = -3x - 7$$

$$13) \frac{x}{6} + 7 = 2$$

$$14) \frac{4}{5}x - 3 = 9$$

$$15) 3(x+7) = -4(x-5)$$

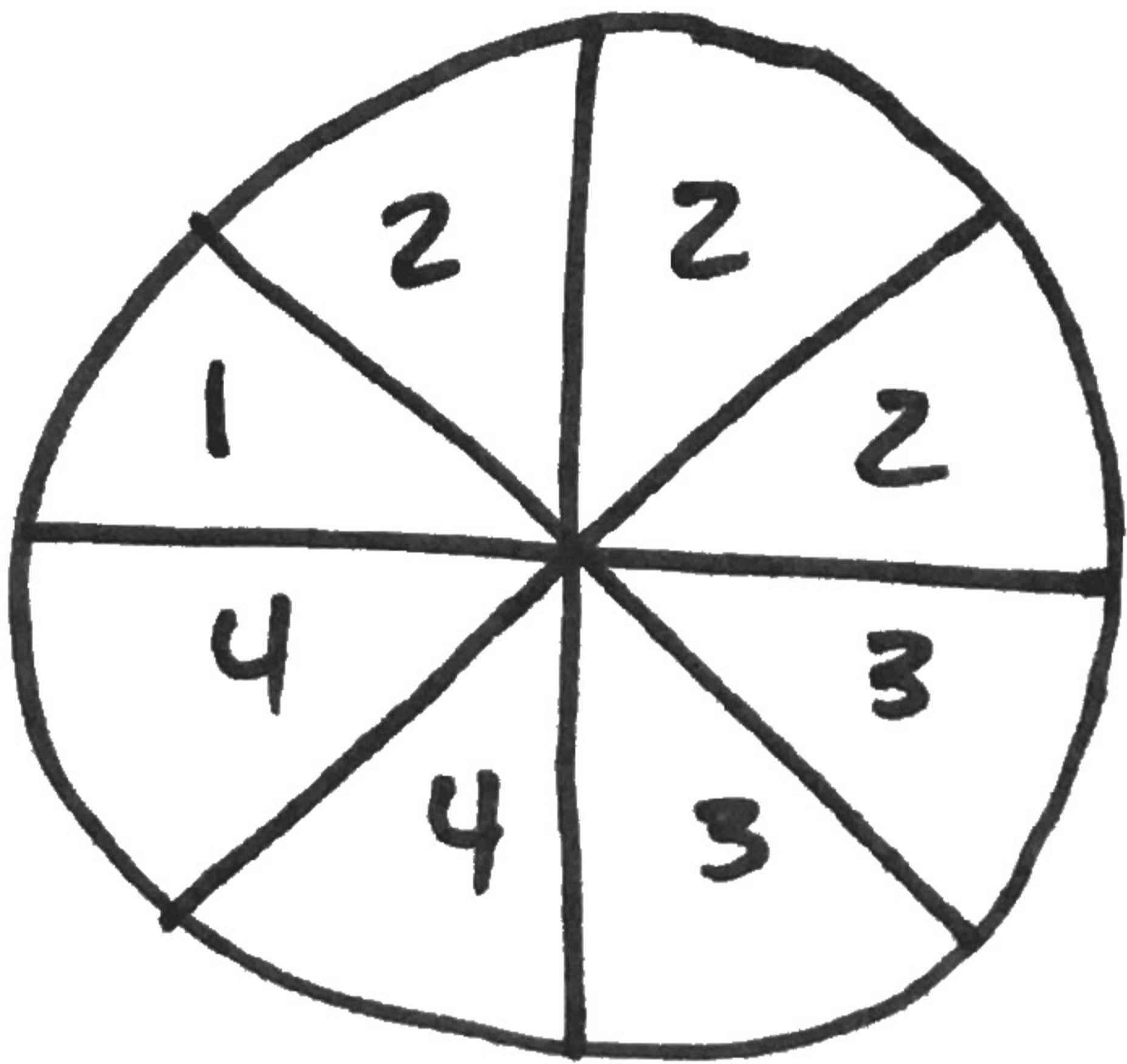
$$16) -7 + \frac{x}{-3} = 0$$

M-STEP PRACTICE REVIEW

1) Find $\frac{2}{3} + \frac{7}{12} - (-3)$. Show work.

2) Mary buys a $9\frac{1}{2}$ ft wire. Wire costs \$0.25 per foot, including tax. Find the cost for the wire.

3) The spinner has 8 equal-sized sections, each labeled 1, 2, 3, or 4. The arrow on the spinner is spun. Find the probability of landing on....



a) 1

b) 2

c) 3

d) 4

4) Find $4.6 \cdot (3 + 9)$. Show work.