

EXPANDING EXPRESSIONS SCAVENGER HUNT

Record your solution to each card in the corresponding box below.

1 Answer: _____ Next Card: _____	2 Answer: _____ Next Card: _____
3 Answer: _____ Next Card: _____	4 Answer: _____ Next Card: _____
5 Answer: _____ Next Card: _____	6 Answer: _____ Next Card: _____
7 Answer: _____ Next Card: _____	8 Answer: _____ Next Card: _____
9 Answer: _____ Next Card: _____	10 Answer: _____ Next Card: _____

1

Expand the expression below by using the distributive property.

$$6(2.8x + 5)$$

A.

$$16.8x + 5$$

go to 10

B.

$$2.8x + 30$$

go to 5

C.

$$16.8x + 30$$

go to 7

D.

$$2.8x + 11$$

go to 9

2

Expand the expression below by using the distributive property.

$$8(1.3x - 5.1)$$

A.

$$10.4x + 40.8$$

go to 5

B.

$$10.4x - 40.8$$

go to 8

C.

$$40.8 - 10.4x$$

go to 10

D.

$$8.3x + 2.9$$

go to 3

3

Expand the expression below by using the distributive property.

$$-6.6(2x - 5)$$

A.

$$-13.2x - 33$$

go to 2

B.

$$-13.2x + 33$$

go to 1

C.

$$-13.2x - 5$$

go to 10

D.

$$13.2x - 33$$

go to 7

4

Expand the expression below by using the distributive property.

$$\frac{1}{3}(-6x + 15)$$

A.

$$-2x + 5$$

go to 6

B.

$$2x + 5$$

go to 9

C.

$$-18x + 45$$

go to 7

D.

$$-2x + 15$$

go to 2

5

Expand the expression below by using the distributive property.

$$-(3.2x - 6)$$

A.

$$-3.2x + 6$$

go to 9

B.

$$3.2x - 6$$

go to 3

C.

$$-3.2x - 7$$

go to 8

D.

$$-3.2x - 6$$

go to 1

6

Expand the expression below by using the distributive property.

$$-5(-2.5x + 3)$$

A.

$$-12.5x - 15$$

go to 9

B.

$$-2.5x - 15$$

go to 1

C.

$$-2.5x - 2$$

go to 8

D.

$$12.5x - 15$$

go to 2

7

Expand the expression below by using the distributive property.

$$5(5x - 10)$$

A.

$$50 - 25x$$

go to 5

B.

$$25x - 50$$

go to 10

C.

$$-50 - 25x$$

go to 2

D.

$$25x + 50$$

go to 4

8

Expand the expression below by using the distributive property.

$$-\frac{1}{4}(12x - 4)$$

A.

$$-48x + 16$$

go to 6

B.

$$-3x - 1$$

go to 1

C.

$$-3x + 1$$

go to 5

D.

$$-3x + 16$$

go to 4

9

Expand the expression below by using the distributive property.

$$-10\left(\frac{1}{2}x + \frac{3}{2}\right)$$

A.

$$-5x - 15$$

go to 3

B.

$$5x - 15$$

go to 7

C.

$$-\frac{5}{2}x - 15$$

go to 6

D.

$$-20x - \frac{20}{3}$$

go to 4

10

Expand the expression below by using the distributive property.

$$\frac{1}{2}(12x - 5)$$

A.

$$2.5 - 6x$$

go to 8

B.

$$6x + 2.5$$

go to 3

C.

$$24x - 10$$

go to 6

D.

$$6x - 2.5$$

go to 4

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Record your solution to each card in the corresponding box below.

1 Answer: <u>C</u> Next Card: <u>7</u>	2 Answer: <u>B</u> Next Card: <u>8</u>
3 Answer: <u>B</u> Next Card: <u>1</u>	4 Answer: <u>A</u> Next Card: <u>6</u>
5 Answer: <u>A</u> Next Card: <u>9</u>	6 Answer: <u>D</u> Next Card: <u>2</u>
7 Answer: <u>B</u> Next Card: <u>10</u>	8 Answer: <u>C</u> Next Card: <u>5</u>
9 Answer: <u>A</u> Next Card: <u>3</u>	10 Answer: <u>D</u> Next Card: <u>4</u>