Evaluating Expressions Task Cards

6th Grade · Math

Harvest Market · 24 cards + recording sheet

How to use: Print the cards on cardstock and cut them apart. Students solve each card and record answers on the recording sheet. Use them for a scoot game around the room, a center, or a quick review at the kitchen table. Cards 13–18 are harvest-market word problems.

Example

Evaluate **$4(y - 1) + y^2$** when $y = 3$.

1. Substitute: $4(3 - 1) + 3^2$
2. Parentheses first: $4(2) + 3^2$
3. Exponents next: $4(2) + 9$
4. Multiply, then add: $8 + 9 =$ **17**

Remember

A number next to a variable means multiply: $3x = 3 \times x$. Follow the order of operations: parentheses, exponents, multiply/divide left to right, add/subtract left to right.

Ways to Play

- **Scoot:** Tape cards around the room. Students move to a new card every 2 minutes.
- **Partner check:** Partners each solve a card, then trade and check each other's steps.
- **Market race:** Solve the six Harvest Market cards first, then explain one answer out loud.
- **Write your own:** Make a card for a friend using a fall price list.

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1 Evaluate It! Evaluating Expressions · 6th

$3x + 7$

when x = 5

2 Evaluate It! Evaluating Expressions · 6th

$4(y - 2)$

when y = 9

3 Evaluate It! Evaluating Expressions · 6th

$a^2 + 6$

when a = 4

4 Evaluate It! Evaluating Expressions · 6th

$20 - 2n$

when n = 7

5 Evaluate It! Evaluating Expressions · 6th

$m \div 3 + 5$

when m = 18

6 Evaluate It! Evaluating Expressions · 6th

$5p - 3q$

when p = 6 and q = 4

7 Evaluate It! Evaluating Expressions · 6th

$2(k + 3)^2$

when k = 1

8 Evaluate It! Evaluating Expressions · 6th

$10 + w^2$

when w = 3

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9 Evaluate It! — Evaluating Expressions · 6th

$$6c - c$$

when c = 8

10 Evaluate It! — Evaluating Expressions · 6th

$$(x + y) \div 2$$

when x = 11 and y = 7

11 Evaluate It! — Evaluating Expressions · 6th

$$1.5t + 4$$

when t = 6

12 Evaluate It! — Evaluating Expressions · 6th

$$3r^2 - 10$$

when r = 5

13 Harvest Market — Evaluating Expressions · 6th

Apple picking costs $8 to enter plus $3 per pound: 8 + 3p.

Find the cost for p = 6 pounds.

14 Harvest Market — Evaluating Expressions · 6th

Each pie needs 2 cups of flour: 2p.

How many cups for p = 7 pies?

15 Harvest Market — Evaluating Expressions · 6th

A hayride costs 12 + 4k dollars for k kids.

Find the cost for k = 5 kids.

16 Harvest Market — Evaluating Expressions · 6th

The perimeter of a square garden is 4s.

Find the perimeter when s = 9.5 ft.

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17 Harvest Market — Evaluating Expressions · 6th

The area of a rectangle is lw.

Find the area when l = 12 m and w = 7.5 m.

18 Harvest Market — Evaluating Expressions · 6th

A farm stand had 45 pumpkins and sells 6 a day: 45 - 6d.

How many are left after d = 5 days?

19 Evaluate It! — Evaluating Expressions · 6th

$$b^3 - b$$

when b = 3

20 Evaluate It! — Evaluating Expressions · 6th

$$2x^2$$

when x = 3

21 Evaluate It! — Evaluating Expressions · 6th

$$(2x)^2$$

when x = 3

22 Evaluate It! — Evaluating Expressions · 6th

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

when n = 10

23 Evaluate It! — Evaluating Expressions · 6th

$$9h \div 3$$

when h = 8

24 Evaluate It! — Evaluating Expressions · 6th

$$\tfrac{1}{2}z + 6$$

when z = 14

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Recording Sheet

Evaluating Expressions Task Cards

6th Grade · Math

Name: _____ Date: _____

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.
13.	14.	15.	16.
17.	18.	19.	20.
21.	22.	23.	24.

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Answer Key

6th Grade · Math

Evaluating Expressions Task Cards

1.	22	**2.**	28	**3.**	22	**4.**	6
5.	11	**6.**	18	**7.**	32	**8.**	19
9.	40	**10.**	9	**11.**	13	**12.**	65
13.	$26	**14.**	14 cups	**15.**	$32	**16.**	38 ft
17.	90 sq m	**18.**	15 pumpkins	**19.**	24	**20.**	18
21.	36	**22.**	25	**23.**	24	**24.**	13

Cards 20 and 21 make a great discussion: $2x^2$ squares only x ($2 \times 9 = 18$), while $(2x)^2$ squares the whole product ($6^2 = 36$).

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