



Identify like terms

1

Are the boxed terms like terms?

$$-5x^2 + \boxed{9x} - 5 + \boxed{8x}$$

A

No

B

Yes

2

Are the boxed terms like terms?

$$\boxed{6xy} - 6x^2y + \boxed{3xy} + 3x^2y^2 - 7$$

A

No

B

Yes

3

Are the boxed terms like terms?

$$8x^3y^3 + 6xy^3 + 9xy + \boxed{4x^2y^4} + \boxed{5x^3y^3}$$

A

No

B

Yes

4

Are the boxed terms like terms?

$$-\boxed{9x} + \frac{9}{2} - \frac{3}{2}x^2 - \boxed{\frac{9}{4}x}$$

A

Yes

B

No

5

Are the boxed terms like terms?

$$\boxed{4x^3} - \frac{1}{4} - \frac{9}{2}x + \frac{2}{3}x - \boxed{4x^2}$$

A

No

B

Yes

6

Are the boxed terms like terms?

$$-\frac{1}{2}y^2 + \frac{2}{3}xy^2 - \boxed{\frac{3}{2}xy} - 8x^2 + \boxed{\frac{7}{2}xy}$$

A

No

B

Yes

7

Are the boxed terms like terms?

$$3x^2 + \frac{5}{3}x^4y + \boxed{\frac{7}{3}x^4y^2} + \boxed{\frac{7}{2}x^4y^2} - \frac{8}{3}x^4y^4$$

A

No

B

Yes

8

Which pair of terms are like terms?

$$2xy - y + 5xy + 3x + 8$$

A

$$2xy - y + 5xy + \boxed{3x} + \boxed{8}$$

B

$$\boxed{2xy} - y + \boxed{5xy} + 3x + 8$$

C

$$2xy - y + \boxed{5xy} + 3x + \boxed{8}$$

D

$$2xy - \boxed{y} + \boxed{5xy} + 3x + 8$$



Identify like terms

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Which pair of terms are like terms?

$$-9x^4y - \frac{5}{2}xy^4 - \frac{3}{2}x^2y^3 - \frac{1}{2}xy - 9xy$$

A $9x^4y - \frac{5}{2}xy^4 - \frac{3}{2}x^2y^3 - \frac{1}{2}xy - 9xy$

B $9x^4y - \frac{5}{2}xy^4 - \frac{3}{2}x^2y^3 - \frac{1}{2}xy - 9xy$

C $9x^4y - \frac{5}{2}xy^4 - \frac{3}{2}x^2y^3 - \frac{1}{2}xy - 9xy$

D $9x^4y - \frac{5}{2}xy^4 - \frac{3}{2}x^2y^3 - \frac{1}{2}xy - 9xy$

10

Which pair of terms are like terms?

$$-1 + 2x + 3x$$

A $-1 + 2x + 3x$

B $-1 + 2x + 3x$

C $-1 + 2x + 3x$

11

Which pair of terms are like terms?

$$3xy^2 + \frac{1}{4}x^2 + 9xy + \frac{9}{2}xy - 3$$

A $3xy^2 + \frac{1}{4}x^2 + 9xy + \frac{9}{2}xy - 3$

B $3xy^2 + \frac{1}{4}x^2 + 9xy + \frac{9}{2}xy - 3$

C $3xy^2 + \frac{1}{4}x^2 + 9xy + \frac{9}{2}xy - 3$

D $3xy^2 + \frac{1}{4}x^2 + 9xy + \frac{9}{2}xy - 3$

12

Which pair of terms are like terms?

$$8x - 7x + x^2 - 9$$

A $8x - 7x + x^2 - 9$

B $8x - 7x + x^2 - 9$

C $8x - 7x + x^2 - 9$

D $8x - 7x + x^2 - 9$

13

Which pair of terms are like terms?

$$8x^4y^3 + x^3 + x^4y^3 + 9x^3y + 6y$$

A $8x^4y^3 + x^3 + x^4y^3 + 9x^3y + 6y$

B $8x^4y^3 + x^3 + x^4y^3 + 9x^3y + 6y$

C $8x^4y^3 + x^3 + x^4y^3 + 9x^3y + 6y$

D $8x^4y^3 + x^3 + x^4y^3 + 9x^3y + 6y$

14

Which pair of terms are like terms?

$$-\frac{9}{2}x^2 + \frac{1}{4} + \frac{1}{4}x + \frac{5}{3}x^2$$

A $-\frac{9}{2}x^2 + \frac{1}{4} + \frac{1}{4}x + \frac{5}{3}x^2$

B $-\frac{9}{2}x^2 + \frac{1}{4} + \frac{1}{4}x + \frac{5}{3}x^2$

C $-\frac{9}{2}x^2 + \frac{1}{4} + \frac{1}{4}x + \frac{5}{3}x^2$

D $-\frac{9}{2}x^2 + \frac{1}{4} + \frac{1}{4}x + \frac{5}{3}x^2$

15

Which pair of terms are like terms?

$$-4 - \frac{7}{4}xy - \frac{4}{3}x - \frac{4}{3}y + \frac{5}{4}xy$$

A $-4 - \frac{7}{4}xy - \frac{4}{3}x - \frac{4}{3}y + \frac{5}{4}xy$

B $-4 - \frac{7}{4}xy - \frac{4}{3}x - \frac{4}{3}y + \frac{5}{4}xy$

C $-4 - \frac{7}{4}xy - \frac{4}{3}x - \frac{4}{3}y + \frac{5}{4}xy$

D $-4 - \frac{7}{4}xy - \frac{4}{3}x - \frac{4}{3}y + \frac{5}{4}xy$

**Identify like terms****16**

Which pair of terms are like terms?

$$-6x - 5x^4 + 4x^4 + 6x^3 + 8$$

- A $-6x - \boxed{5x^4} + \boxed{4x^4} + \boxed{6x^3} + 8$
- B $-6x - \boxed{5x^4} + \boxed{4x^4} + 6x^3 + 8$
- C $-6x - 5x^4 + \boxed{4x^4} + \boxed{6x^3} + 8$
- D $-6x - \boxed{5x^4} + 4x^4 + \boxed{6x^3} + \boxed{8}$

18

Which pair of terms are like terms?

$$5x^2y + 2x^2y + 8x^2 - 7x - 3y^2$$

- A $5x^2y + \boxed{2x^2y} + \boxed{8x^2} - 7x - \boxed{3y^2}$
- B $5x^2y + 2x^2y + \boxed{8x^2} - 7x - \boxed{3y^2}$
- C $\boxed{5x^2y} + \boxed{2x^2y} + 8x^2 - 7x - 3y^2$
- D $\boxed{5x^2y} + 2x^2y + 8x^2 - \boxed{7x} - 3y^2$

19

Which pair of terms are like terms?

$$-3 - \frac{3}{2}x - \frac{8}{3}x$$

- A $-3 - \boxed{\frac{3}{2}x} - \boxed{\frac{8}{3}x}$
- B $-3 - \boxed{\frac{3}{2}x} - \frac{8}{3}x$
- C $-3 - \frac{3}{2}x - \boxed{\frac{8}{3}x}$

17

Which pair of terms are like terms?

$$\frac{7}{2}x^3 - \frac{7}{4}x^2 + \frac{7}{2}x + 9 - 5x^3$$

- A $\boxed{\frac{7}{2}x^3} - \frac{7}{4}x^2 + \frac{7}{2}x + 9 - \boxed{5x^3}$
- B $\frac{7}{2}x^3 - \frac{7}{4}x^2 + \boxed{\frac{7}{2}x} + 9 - \boxed{5x^3}$
- C $\frac{7}{2}x^3 - \frac{7}{4}x^2 + \boxed{\frac{7}{2}x} + \boxed{9} - 5x^3$
- D $\frac{7}{2}x^3 - \frac{7}{4}x^2 + \frac{7}{2}x + \boxed{9} - \boxed{5x^3}$