

POLYNOMIAL PREVIEW

GROUP 1

With your group, solve the following problems. Show all necessary work.

1. Simplify

$$\frac{7g^3h^2 + 3g^2h - 2gh^3}{gh}$$

2. Solve

$$x^2 - 3x - 40$$

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GROUP 2

With your group, solve the following problems. Show all necessary work.

1. Simplify

$$\frac{5x^2y - 10xy + 15xy^2}{5xy}$$

2. Solve

$$x^2 + 6x + 8$$

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GROUP 3

With your group, solve the following problems. Show all necessary work.

1. Simplify

$$\frac{24a^3b^2 - 16a^2b^3}{8ab}$$

2. Solve

$$x^2 + 9x + 18$$

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GROUP 4

With your group, solve the following problems. Show all necessary work.

1. Simplify

$$\frac{4a^3b - 6ab + 2ab^2}{2ab}$$

2. Solve

$$x^2 + 8x + 15$$