



Name _____ Class _____ Date _____

- 1 Which number is **not** a factor of 16?
- A 2
 - B 4
 - C 8
 - D 32

- 2 The factors, $2 \cdot 2 \cdot 3 \cdot 3 \cdot x \cdot x \cdot y$, equal which expression?
- A $10xy^2$
 - B $24x^2y$
 - C $36x^2y$
 - D $36y^2x$

- 3 What is the **greatest common factor** of the numbers 24 and 36?
- A 6
 - B 9
 - C 12
 - D 13

- 4 What is the **greatest common factor** of $12x^4y^2$ and $18x^3y^3$?
- A $3x^2y^3$
 - B $3x^3y^2$
 - C $6x^2y^3$
 - D $6x^3y^2$

PREVIEW

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- 5
- 7
- 9
- What is the correct order from **least to greatest** for these numbers?
- $\frac{6}{8}, \sqrt{.25}, \frac{4}{5}, .67$
- A $\frac{4}{5}, \frac{6}{8}, \sqrt{.25}, .67$
 - B $\sqrt{.25}, .67, \frac{4}{5}, \frac{6}{8}$
 - C $\frac{4}{5}, \frac{6}{8}, .67, \sqrt{.25}$
 - D $\sqrt{.25}, .67, \frac{6}{8}, \frac{4}{5}$

- 10
- What is the correct order from **greatest to least** for these numbers?
- $\frac{15}{14}, .666\dots, \frac{9}{8}, \frac{\sqrt{9}}{25}, .8$
- A $\frac{15}{14}, \frac{9}{8}, .8, \frac{\sqrt{9}}{25}, .666\dots$
 - B $\frac{9}{8}, \frac{15}{14}, .8, .666\dots, \frac{\sqrt{9}}{25}$
 - C $\frac{\sqrt{9}}{25}, .666\dots, .8, \frac{15}{14}, \frac{9}{8}$
 - D $\frac{\sqrt{9}}{25}, .666\dots, .8, \frac{9}{8}, \frac{15}{14}$



ANSWER KEY

Which number is **not** a factor of 16?

- A 2
- B 4
- C 8
- D 32

(d)

The factors, $2 \cdot 2 \cdot 3 \cdot 3 \cdot x \cdot x \cdot y$, equal which expression?

- A $10xy^2$
- B $24x^2y$
- C $36x^2y$
- D $36y^2x$

(c)

What is the **greatest common factor** of the numbers 24 and 36?

- A 6
- B 9
- C 12
- D 13

(c)

What is the **greatest common factor** of $12x^4y^2$ and $18x^3y^3$?

- A $3x^2y^3$
- B $3x^3y^2$
- C $6x^2y^3$
- D $6x^3y^2$

(d)



PREVIEW

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What is the correct order from **least to greatest** for these numbers?

$\frac{6}{8}, \sqrt{.25}, \frac{4}{5}, .67$

- A $\frac{4}{5}, \frac{6}{8}, \sqrt{.25}, .67$
- C $\frac{4}{5}, \frac{6}{8}, .67, \sqrt{.25}$

- B $\sqrt{.25}, .67, \frac{4}{5}, \frac{6}{8}$
- D $\sqrt{.25}, .67, \frac{6}{8}, \frac{4}{5}$

(d)

What is the correct order from **greatest to least** for these numbers?

$\frac{15}{14}, .666..., \frac{9}{8}, \frac{\sqrt{9}}{25}, .8$

- A $\frac{15}{14}, \frac{9}{8}, .8, \frac{\sqrt{9}}{25}, .666...$
- C $\frac{\sqrt{9}}{25}, .666..., .8, \frac{15}{14}, \frac{9}{8}$

- B $\frac{9}{8}, \frac{15}{14}, .8, .666..., \frac{\sqrt{9}}{25}$
- D $\frac{\sqrt{9}}{25}, .666..., .8, \frac{9}{8}, \frac{15}{14}$

(b)