

Morning Math

★ Mild

A number plus 5 equals 12.

What is the number?

Show your thinking.

🔥 Medium

Solve:

$$x + 7 = 18$$

Show your thinking.

🚀 Spicy

Solve:

$$3x + 5 = 20$$

Then create a different equation that has the same solution.

Show your thinking.

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Draw or describe a model
to represent:

$\frac{1}{2}$

Show your thinking.

🔥 Medium

Draw or describe a model
to represent:

$\frac{3}{4}$

Show your thinking.

🚀 Spicy

Create two different
models
that represent the same
fraction.

Explain how you know
they are equal.

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Which is greater?

$\frac{1}{2}$ or $\frac{1}{3}$

Show your thinking.

🔥 Medium

Which is greater?

$\frac{3}{4}$ or $\frac{2}{3}$

Explain your thinking.

🚀 Spicy

Place these in order
from least to greatest:

$\frac{3}{5}$, $\frac{2}{3}$, $\frac{5}{8}$

Explain your thinking.

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Find the mean:

4, 6, 8

Show your thinking.

🔥 Medium

Find the median:

5, 9, 3, 7, 11

Show your thinking.

🚀 Spicy

Create a set of 5 numbers with a mean of 10 and a range of 8.

Explain your thinking.

 What do I know?

 What is my plan?

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Which symbol makes this true?

$$5 \underline{\quad} 8$$

- A) >
- B) <
- C) =
- D) \geq

Show your thinking.

🔥 Medium

Which value makes this true?

$$x + 3 < 10$$

- A) 8
- B) 7
- C) 6
- D) 10

Show your thinking.

🚀 Spicy

Which statement is always true?

- A) If $x > 5$, then $x > 10$
- B) If $x > 5$, then $x + 2 > 7$
- C) If $x > 5$, then $x - 3 > 5$
- D) If $x > 5$, then $x < 5$

Explain your thinking.