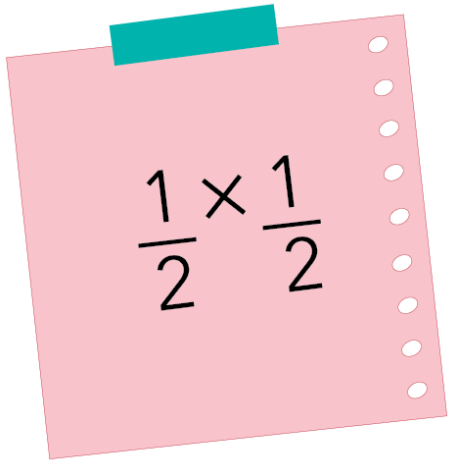
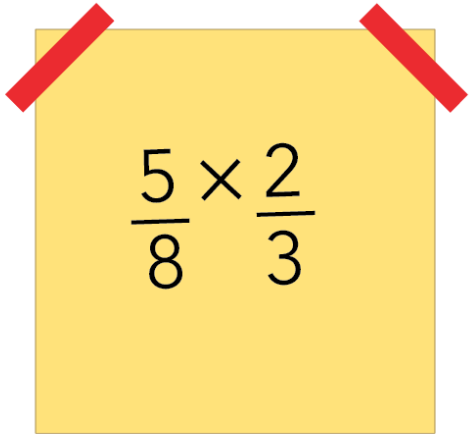
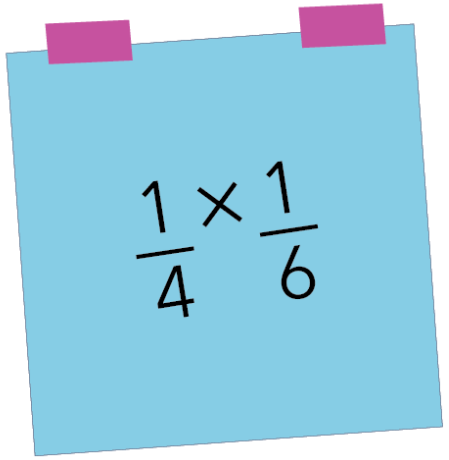
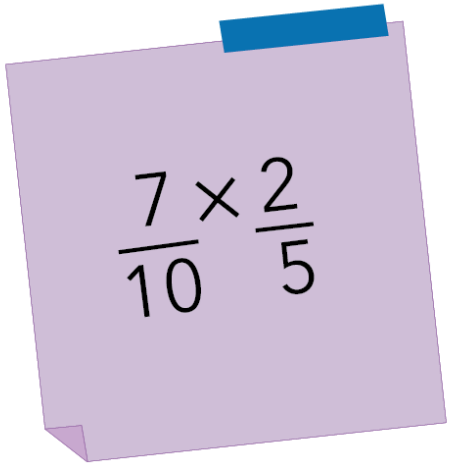
Estimate: Head or Hand?

Estimate. Which can be done mentally, and which require paper-and-pencil? Solve.









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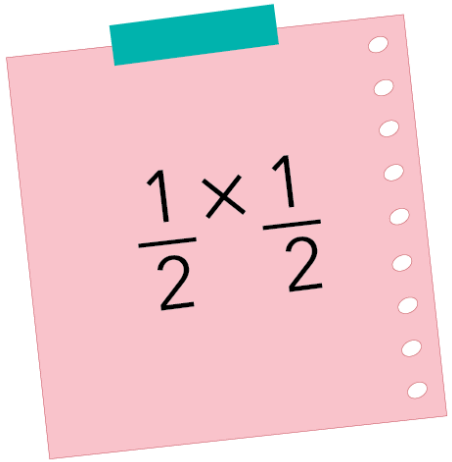

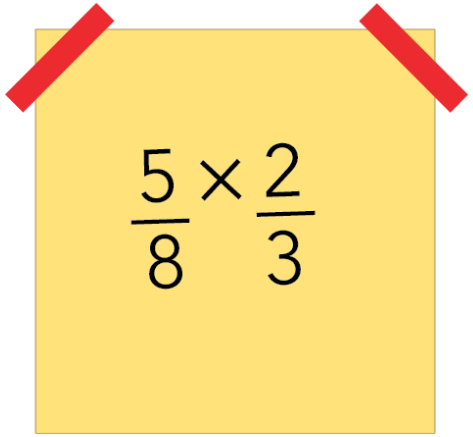

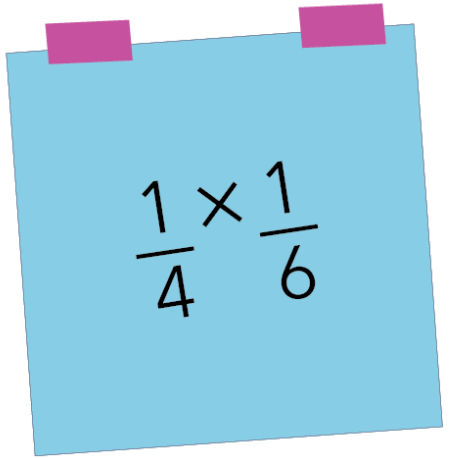

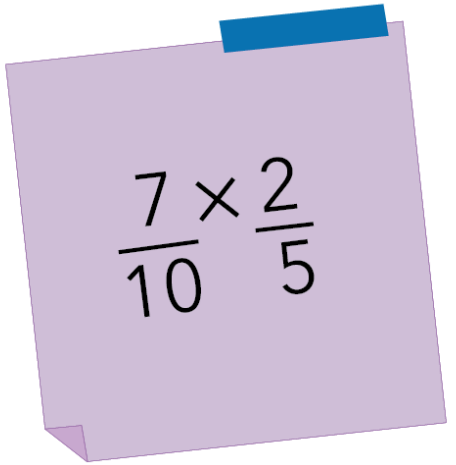

$\frac{1}{4}$, $\frac{5}{12}$, $\frac{1}{24}$, $\frac{7}{25}$

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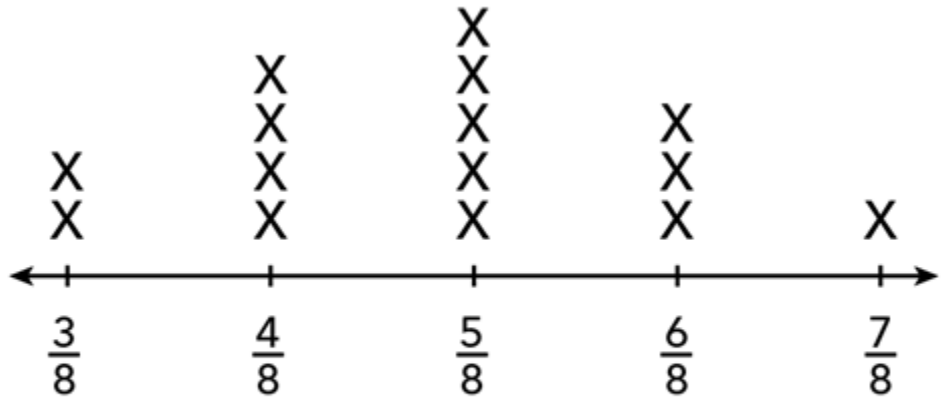
Math Talk

Look Closely

What do you notice?

What do you wonder?



Each X =

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Math Talk

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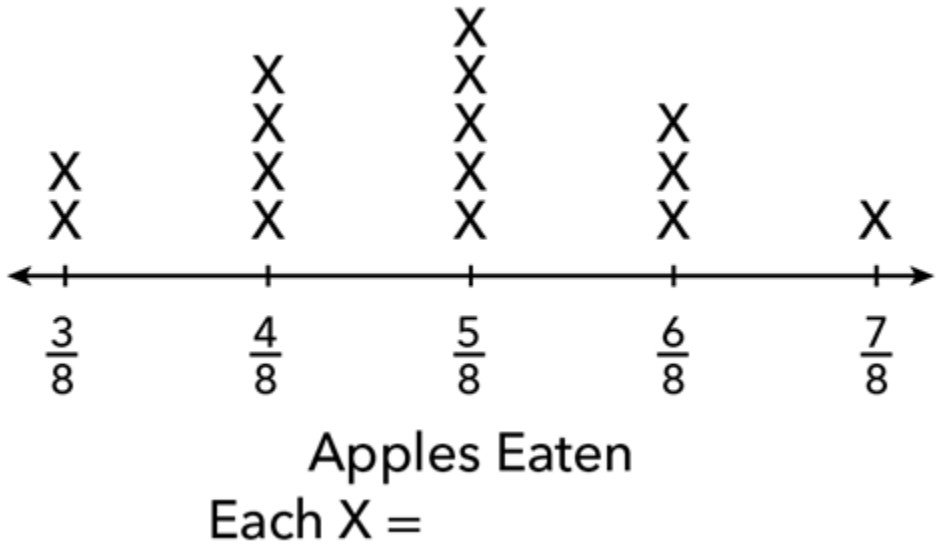

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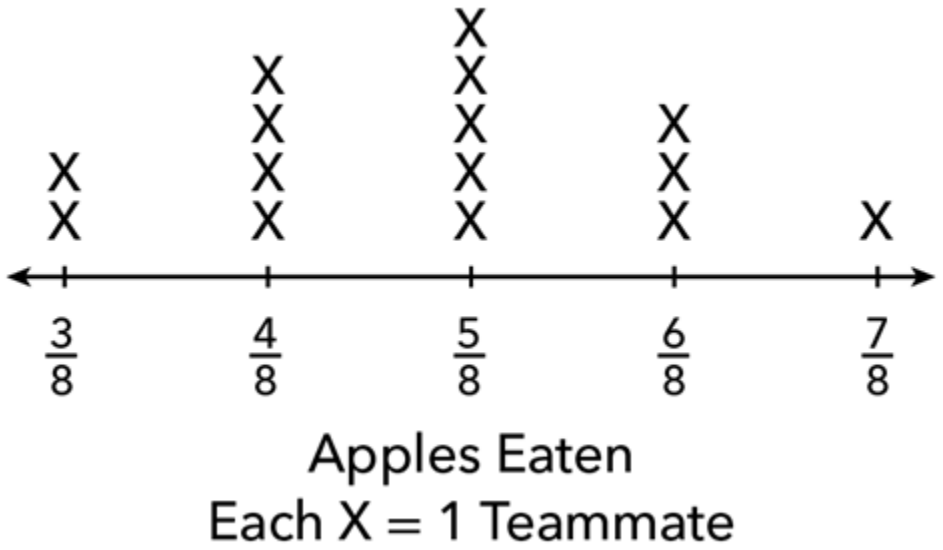

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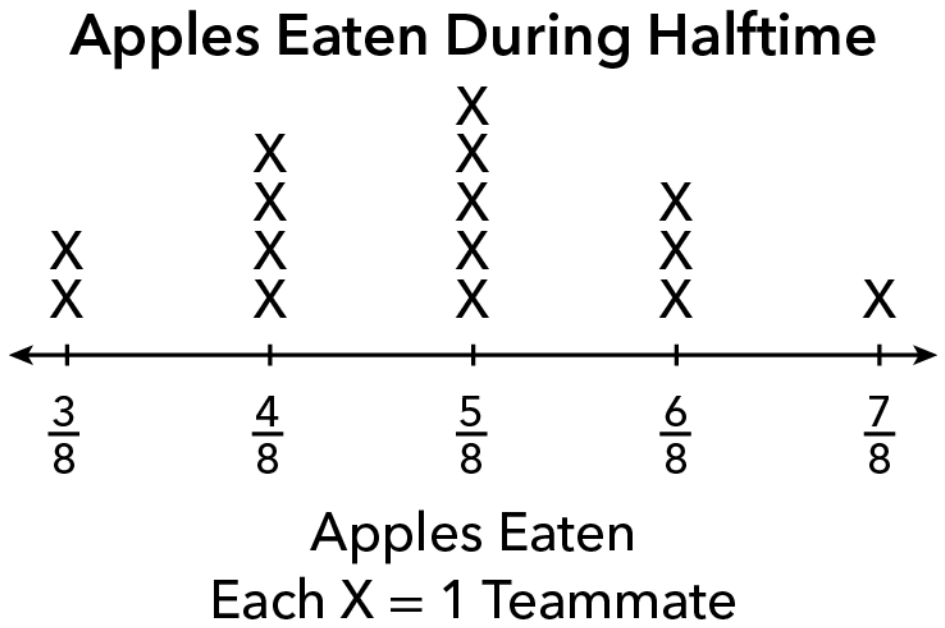

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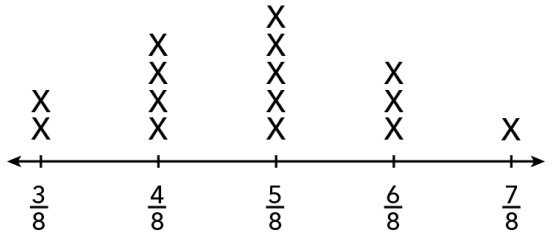

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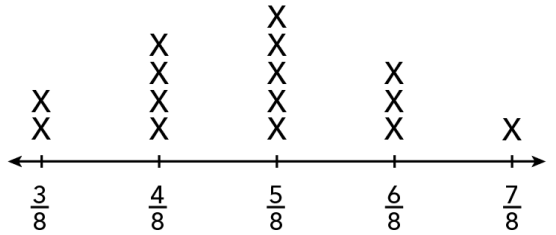
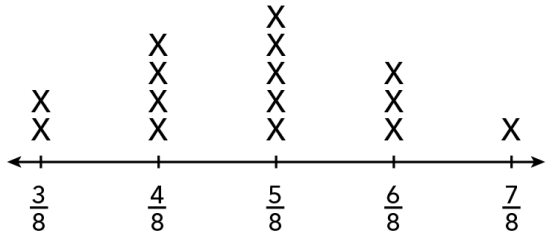


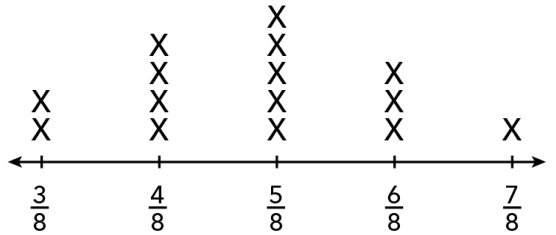
Apples Eaten
Each X =

Answers will vary.



Apples Eaten
Each X = 1 Teammate

Apples Eaten During Halftime



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Convince Me

Jordan says the solution to $\frac{1}{8} \div 2$ is 16.

Is she correct?

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Convince Me

Jordan says the solution to $\frac{1}{8} \div 2$ is 16.

Is she correct?

Sample answer:
No. A fraction of a whole is being divided into 2 parts, so each part is going to be smaller than the original part. The solution has to be a fraction.

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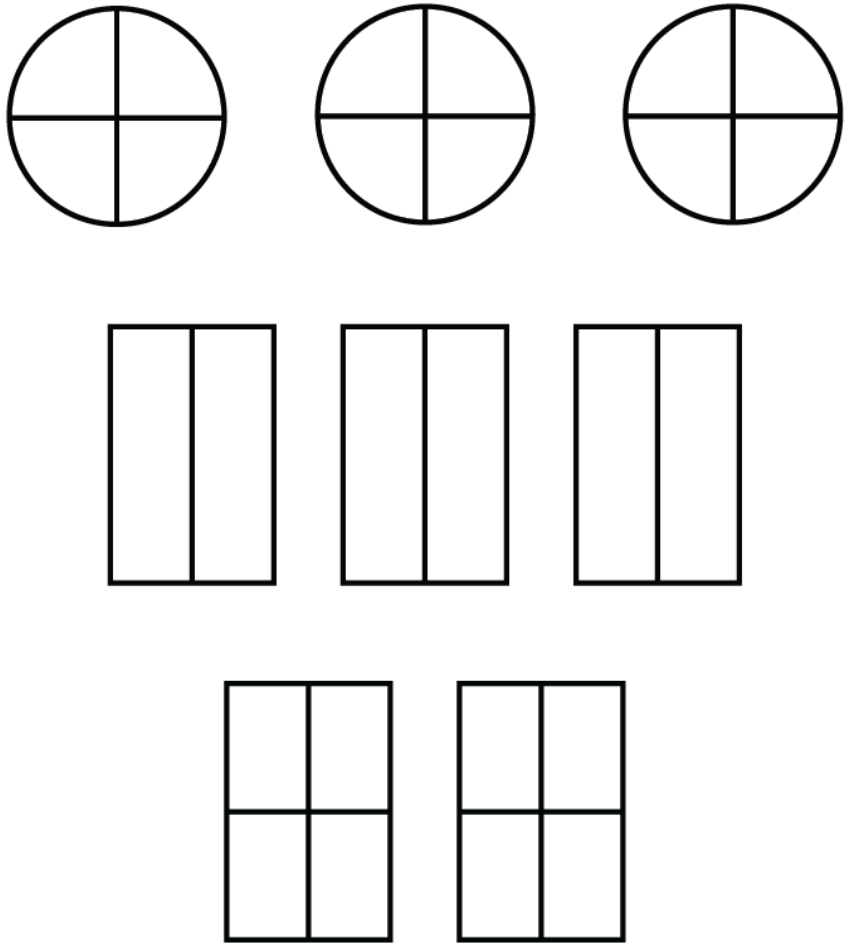
Math Talk

Which One Doesn't Belong?



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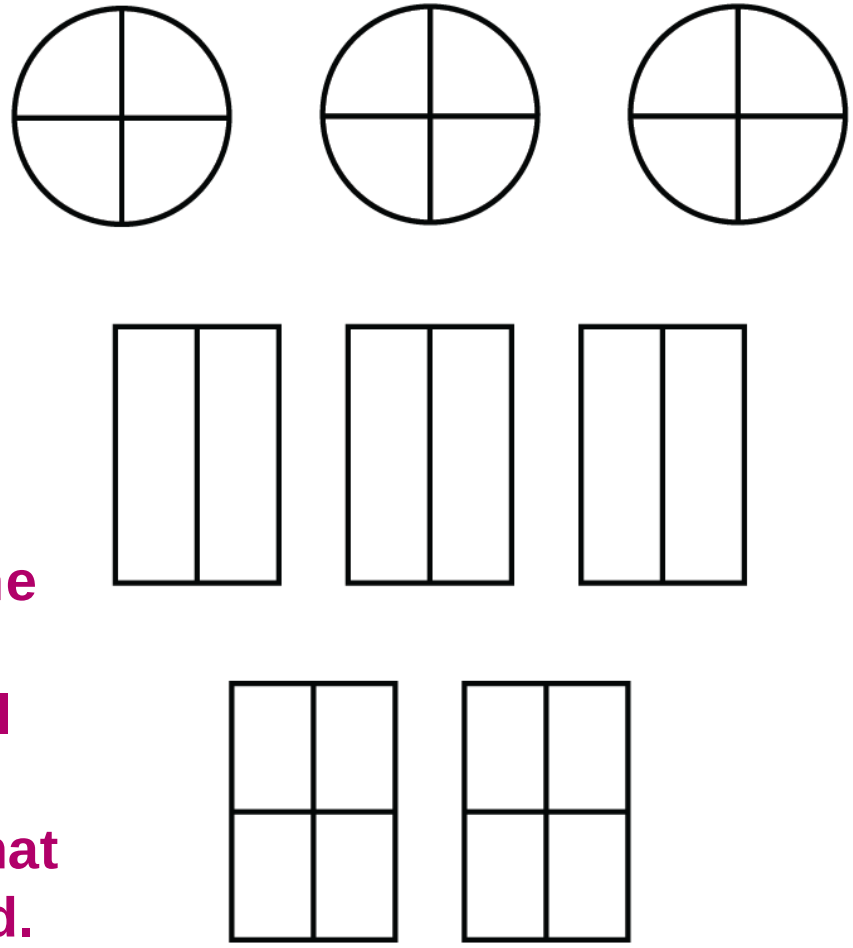

Sample answer:
The first model is the only one that uses circles.
The second is the only model divided into halves.
The third is the only model that has two wholes being divided.

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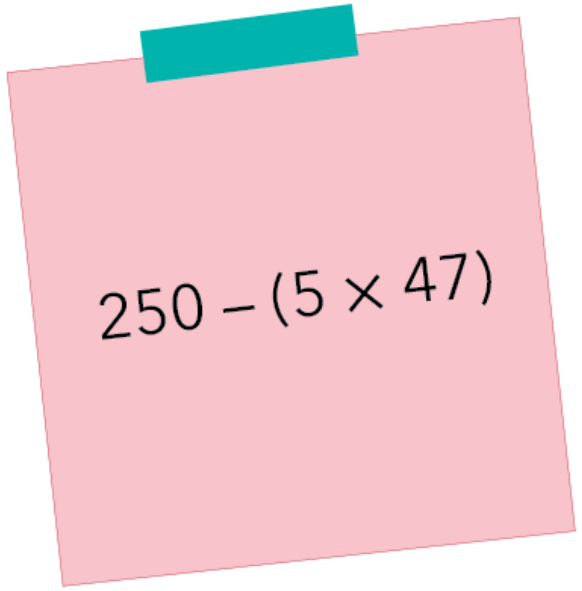
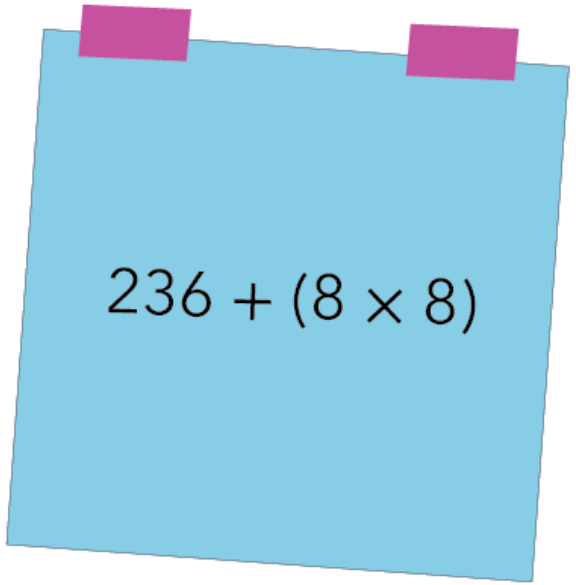
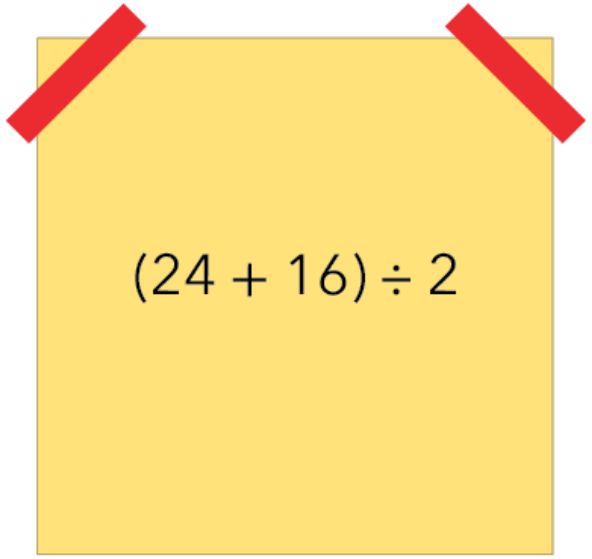
Number Strings

Consider and discuss the strategies you would use to solve each problem.







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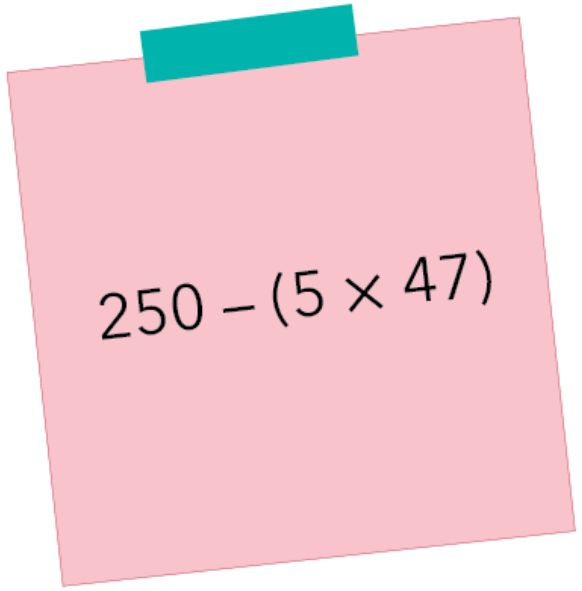

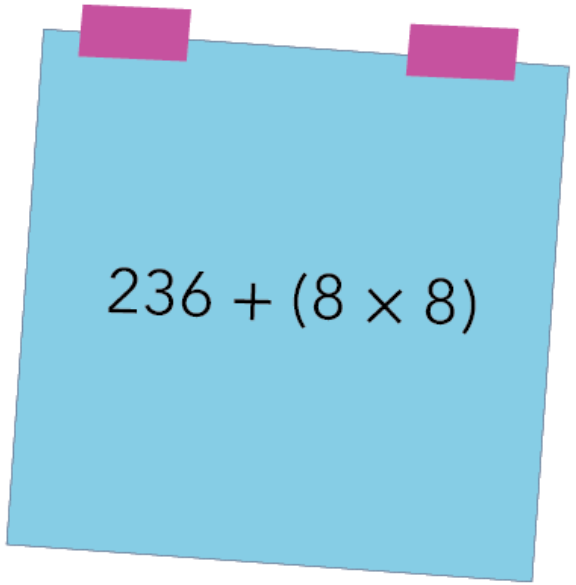

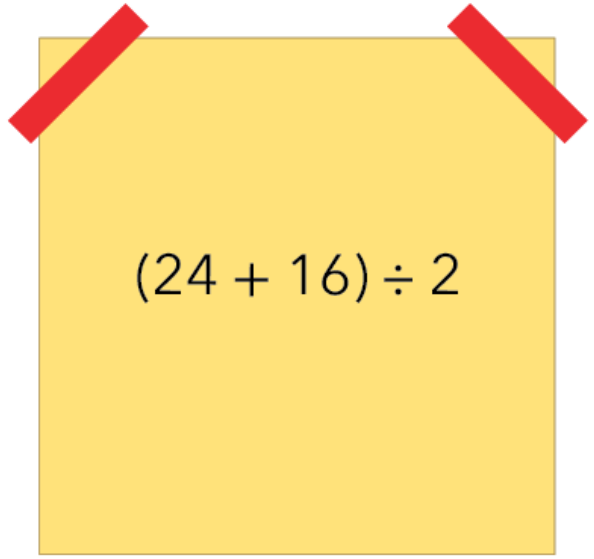

15, 300, 20

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Number Detective

What are the numbers represented by A, B, and C?

A, B, and C represent three different numbers.
A multiplied by B equals A.
C minus B equals 7.
The equation $B(C + A) = 13$

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Number Detective

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A = 5
B = 1
C = 8

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True or False?

Subtract 4 from 9, then multiply by 6
is written as the expression 6 × (9 – 4).

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True or False?

Subtract 4 from 9, then multiply by 6
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True

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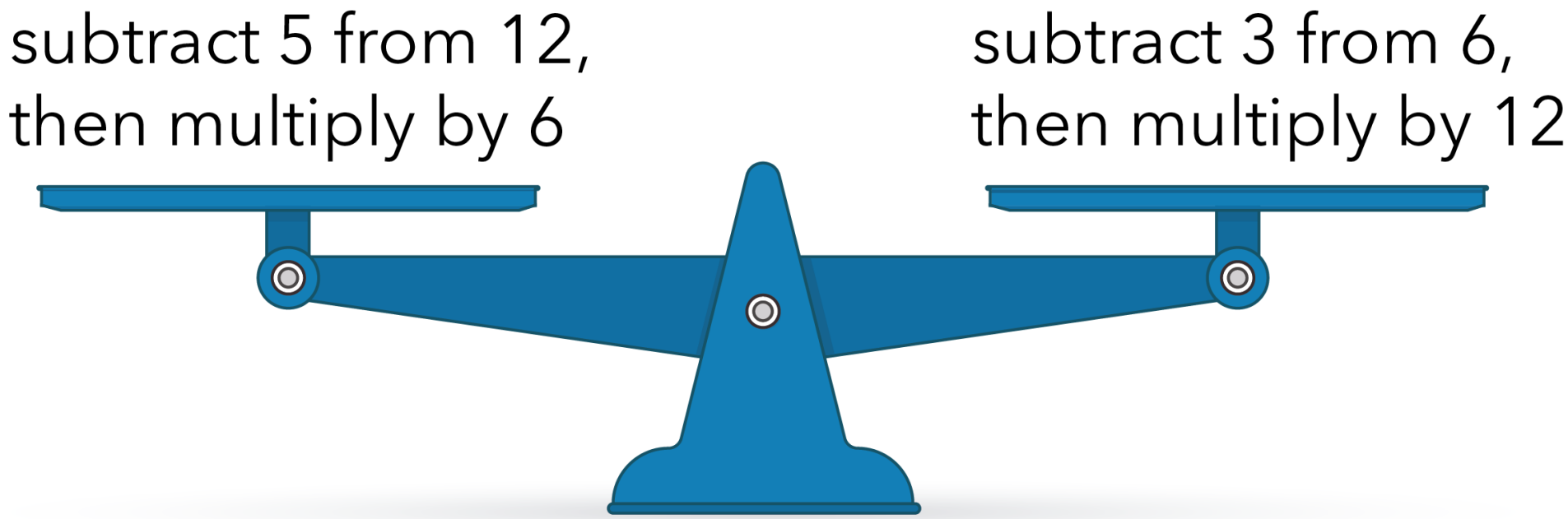
Tilt or Balance?

Is *subtract 5 from 12, then multiply by 6* less than, greater than, or equal to *subtract 3 from 6, then multiply by 12*?



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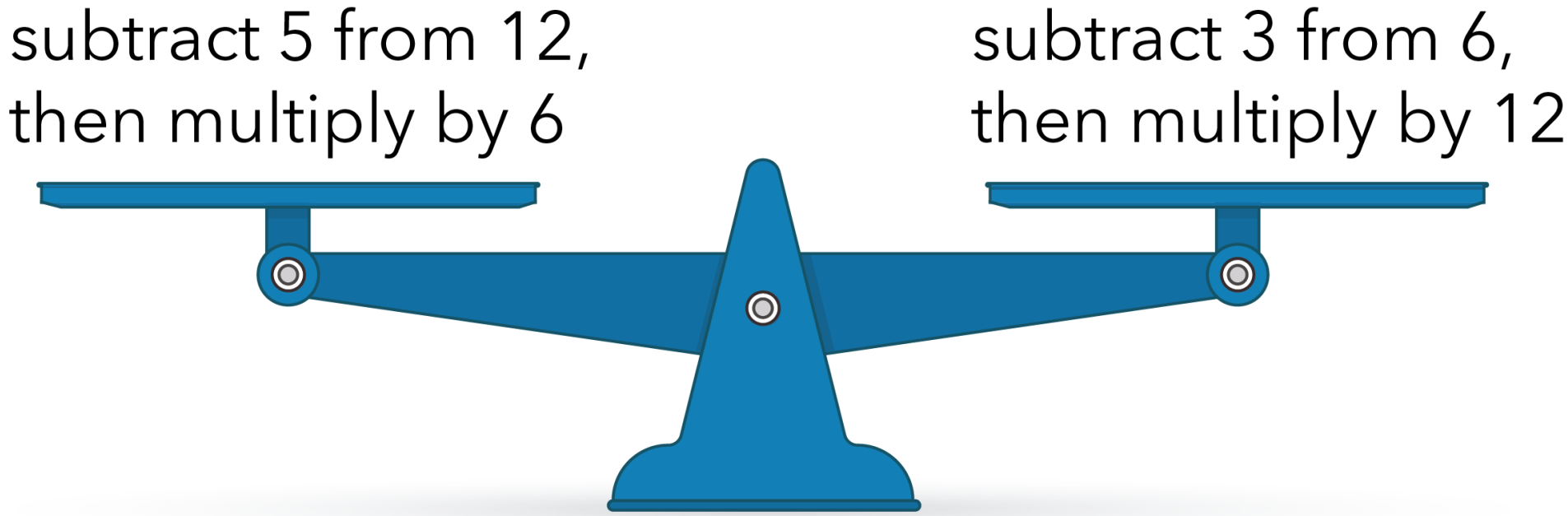

greater than

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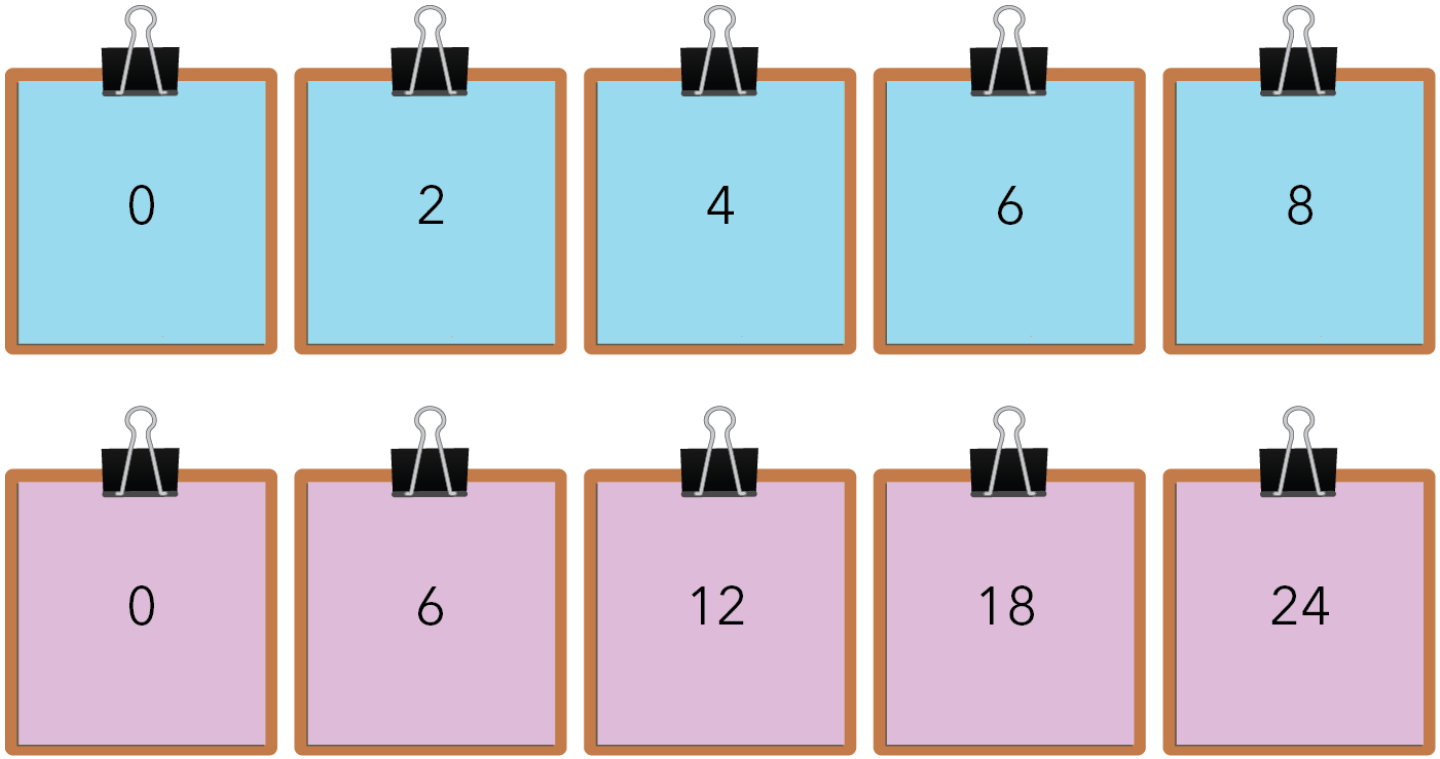
Quick Look

What relationships do you notice between the two patterns?



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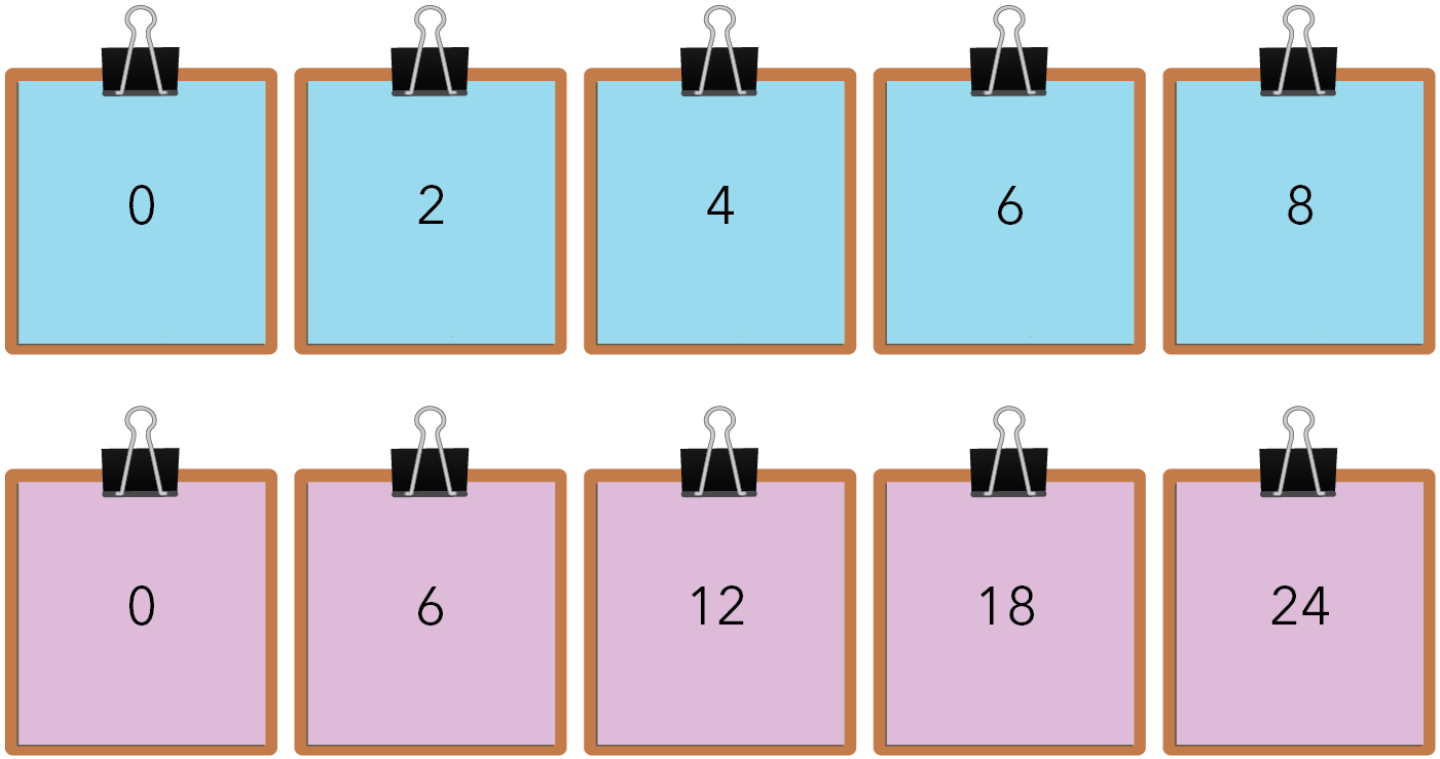

Sample answer:
The second pattern is 3 times the first pattern.

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Line Up the Data

Collect data and make a line plot.

How many books did you read over the past 30 days?

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