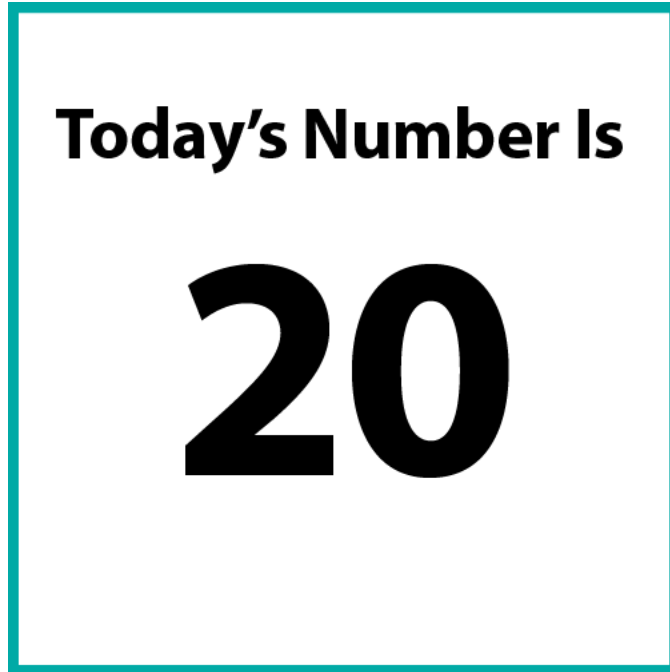


## Today's Number: 20

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How many ways can you show today's number?

Select two of the ways you showed today's number. What connections do you see?

Tell or write a story problem to go with one of your ways to show today's number.

# Three-Reads Protocol



	Directions:	Example:
<b>Read #1:</b> <b>Understand the Context</b>	<ul style="list-style-type: none"><li>● Remove the numbers* and the question.</li><li>● Read the problem aloud to the student.</li><li>● What is this problem about?</li><li>● What do you picture in your mind?</li></ul>	A pencil costs ____ cents, and a sticker costs ____ cents less.
<b>Read #2:</b> <b>Understand the Math</b>	<ul style="list-style-type: none"><li>● Put the numbers back in, but still leave the question out.</li><li>● Read the problem with your student.</li><li>● Discuss what the quantities and units represent.</li><li>● Brainstorm possible questions that might be asked.</li></ul>	A pencil costs 59 cents, and a sticker costs 20 cents less.
<b>Read #3:</b> <b>Make a Plan and Solve</b>	<ul style="list-style-type: none"><li>● Have your student read the entire problem (including the question).*</li><li>● Discuss a plan for arriving at a solution.<ul style="list-style-type: none"><li>○ How might you solve this problem?</li></ul></li><li>● Then have the student solve the problem using labeled sketches, numbers, and words.<ul style="list-style-type: none"><li>○ Write the equation. How does your equation match what is happening in the</li></ul></li></ul>	A pencil costs 59 cents, and a sticker costs 20 cents less. How much do a pencil and a sticker cost together?

	story?	
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## Sample Word Problems

### **1st Grade:**

There were 7 children at the park. Then 4 more showed up. How many children were at the park all together?

There were some children at the park. Four more children showed up. Then there were 11 children at the park. How many children were at the park to start with?

Ali had 9 marbles. Maria had 5 marbles. How many more marbles did Ali have than Maria?

Pia takes some money to the store to buy school supplies. She buys some paper for \$3 and a pen for \$2. After she buys these supplies, she has \$7 left. How much money did Pia bring to the store?

### **2nd Grade:**

Jose has 11 red pens and 29 blue pens. How many total pens does Jose have?

Mateo had some shells. Then Mateo gave 6 shells to his sister. After that, Mateo had 8 shells. How many shells did Mateo have at first?

A grass snake is 28 inches long. A rat snake is 74 inches long. How much longer is the rat snake?

Ava has 19 more seashells than her brother. Ava has 43 seashells. How many seashells does her brother have?

### **3rd Grade:**

Juanita spent \$9 on each of her 6 grandchildren at the fair. How much money did she spend?

Nita bought some games for her grandchildren for \$8 each. If she spent a total of \$48, how many games did Nita buy?

Last year a squirrel collected 126 acorns to save for winter. So far this year he has collected acorns for 8 days. Each day he has collected 9 acorns. How many more acorns does the squirrel need to collect this year to equal the number collected last year?

There are 9 cherry trees. Kim picks 8 cherries from each tree. Kim eats 14 of the cherries she picked. How many cherries does Kim have left?

**4th Grade:**

Helen raised \$12 for the food bank last year and she raised 6 times as much money this year. How much money did she raise this year?

Luis raised \$45 for the animal shelter, which was 3 times as much money as Anthony raised. How much money did Anthony raise?

Karl's rectangular vegetable garden is 20 feet by 45 feet, and Makenna's is 25 feet by 40 feet. Whose garden is larger in area?

Isabel has 120 minutes of free time. She uses it to play a game that takes 12 minutes per round. Isabel plays 3 rounds of the game. How much free time will she have left?

**5th Grade:**

Frank is buying ham to make sandwiches for a picnic. He has \$25, and the ham costs \$6.79 per pound. He wants to buy 3 pounds. Does Frank have enough money?

Ellie is reading a book that is 257 pages long. She reads 30 pages every day. How many days will it take her to read the whole book?

Francisco and his mom got some fruit at the fruit stand yesterday. They bought  $2\frac{1}{2}$  pounds of peaches,  $\frac{7}{8}$  of a pound of raspberries, and  $1\frac{1}{4}$  pounds of apricots. How many pounds of fruit did they buy all together?

A farmer planted  $\frac{2}{5}$  of his forty acres in corn and another  $\frac{3}{10}$  of his land in wheat. Taken together, what fraction of the 40 acres had been planted in corn or wheat?

**Practice Space:**

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