

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math



= Do it
in your
head!

imagine 8 in your head

subtract 4

multiply 5

Write the ones digit.

A

imagine 7 in your head

subtract 2

subtract 4

add 4

subtract 5

add 5

Write the number.

B

imagine 4 in your head

multiply 8

add 6

add 5

subtract 7

Write the even digit
in your answer.

C

imagine 7 in your head

double it

add 2

subtract 9

add 3

subtract 8

Write the number.

D

What is the sum?

$A + B + C + D$

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ t e _____

2 after 12 _____

8 before 11 _____

5 before 15 _____

8 after 11 _____

9 before 17 _____

4 before 19 _____

3 after 16 _____

2 before 16 _____

7 before 14 _____

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If you take the first number and subtract it by the second, the difference is 5.

What are the two numbers?

The area of a square is 10.24 square inches. What is its perimeter?

Name: _____

Complete each pattern. Write what the rule is.

84687, 78468, 87846, 68784, 46878, _____, _____,
87846, 68784, 46878, 84687, 78468, 87846, 68784

739459, 973945, 597394, _____, _____, 394597, 739459,
973945, 597394, 459739, 945973, 394597, 739459, _____

Complete each pattern. Write what the rule is.

40, 46, 52, 59, 66, 74, 82, 91, 100, 110, 120, _____, 142, 154
36, 42, 48, 55, _____, _____, 78, 87, 96, 106, _____, _____, 138, 150

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<p>Jack saw a sign in the hardware store that read, "Masking tape: \$1.98 per roll or \$10 for a box of 6 rolls". How much will Jack save if he buys a box of masking tape instead of 6 separate rolls?</p>	<p>David knows that his teacher loves birds. He is building a birdhouse for her for Teacher Appreciation Week. He started working on the birdhouse at 2:40 p.m. Saturday afternoon. He worked until it was all finished at 4:11 p.m. that evening. How long did David work on the birdhouse?</p>	<p>The East Jackson Public Library celebrated Library Lovers Month by giving a book to each elementary student who read at least 10 books during the month. At the end of the month, 75 students had earned books. At a cost of \$6.49 per book, how much will it cost to give each student a book?</p>
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<p>Pick a month. Can you make up a calendar for your month with four Tuesdays? Show your calendar below:</p>	<p>Amanda rolls a die. What is the chance of her rolling a 2? _____</p>
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$$\begin{array}{r} 730 \\ - 647 \\ \hline \end{array}$$

$\begin{array}{r} 40 \\ - 14 \\ \hline \end{array}$	$2 \times 7 = \underline{\hspace{2cm}}$	$60 \div 10 = \underline{\hspace{2cm}}$	$\begin{array}{r} 26 \\ + 42 \\ \hline \end{array}$
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Name: _____

$45,868 + 42,828 = \underline{\hspace{2cm}}$	<p>Can 497 be evenly divided by 3? Circle: 497 is evenly divisible by 3 497 is NOT evenly divisible by 3</p>
<p>Write an equation to represent this: The product of four and nine is thirty-six. _____</p>	

<p>Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 5, 2, 1, and 8. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.</p>	$10 \text{ lb} = \underline{\hspace{1cm}} \text{ oz}$
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<p>Erin told Anna that she multiplied two consecutive whole numbers and the answer is 183. Anna doesn't believe that is possible. She thinks Anna must have multiplied wrong. Who is correct?</p>	$28 \div 7 =$	$1 \text{ km} = 1,000 \text{ m}$ $20 \text{ km} = \underline{\hspace{1cm}} \text{ m}$
		$12 \times 4 = \underline{\hspace{1cm}}$
		$3 \times 12 = \underline{\hspace{1cm}}$

$638 + 985 = \underline{\hspace{2cm}}$	$\begin{array}{r} 496 \\ + 481 \\ \hline \end{array}$
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<p>The equation $30 \times 31 + 10 = 940$ uses three different numbers and two different equations. Make up your own equation which also has three different numbers and two different equations. The answer to your equation needs to be 470.</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">$(5 + 4) + 5 =$</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">For 911,358,189,540,029, write the digit that is in the ten thousands place. _____</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">$88 \div 11 =$</div>	
$10 \times 11 =$ _____	How many grams are in 8 kilograms? _____ grams	$36 \div 9 =$ _____
$43,535 - 13,863 =$ _____	<p>Write this as a number in standard form. Use a comma in your number.</p> <p>five hundred eighty thousand two hundred sixty-seven</p> <p>_____</p>	
<p>Ava took three numbers greater than 1 and multiplied them. One number was seven and the other number was fourteen. Of course, she forgot the last number, but she remembered the product was 882. Is this possible?</p>	$12 \times 9 =$ _____	$55 \div 5 =$ _____
$24 \div 4 =$ _____	$77 \div 7 =$ _____	<p>Circle the smallest number:</p> <p>3,869,228 2,954</p> <p>451,367,907,945 10,386,707,451</p>

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Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make \$33.47.

	\$10			
25¢				

Use the fewest bills and coins to make \$11.18.

Use the fewest bills and coins to make \$12.28.

Use the fewest bills and coins to make \$14.37.

$29,761 + 69,186 = \underline{\hspace{2cm}}$

$6 \div 3 = \underline{\hspace{2cm}}$

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What's in the Box?

Read the words on the left then match the letters with the correct synonyms in the clues.
Put the clues together and solve the mystery of what is in the box.

- A =broad
- B =prance
- C =embrace
- D =smooch
- E =stone
- F =ugly
- H =surf
- I =attempt
- L =deadly
- M =burst
- O =aircraft
- P =gutter
- R =robe
- S =dash
- T =deputy
- U =award

- Clue 1: bolt blast wide frock aide
 s m _____
- Clue 2: dance effort frock kiss

- Clue 3: hug plane fatal plane frock gross prize fatal

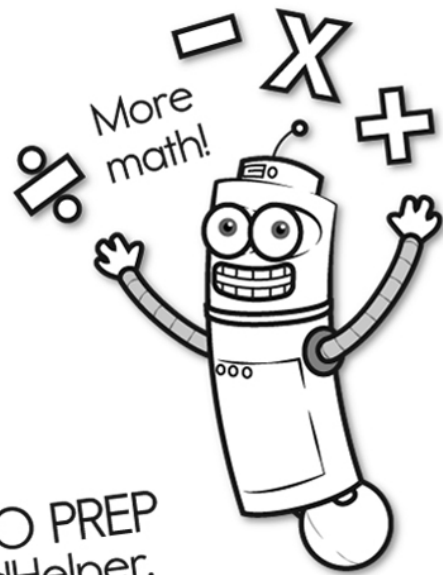
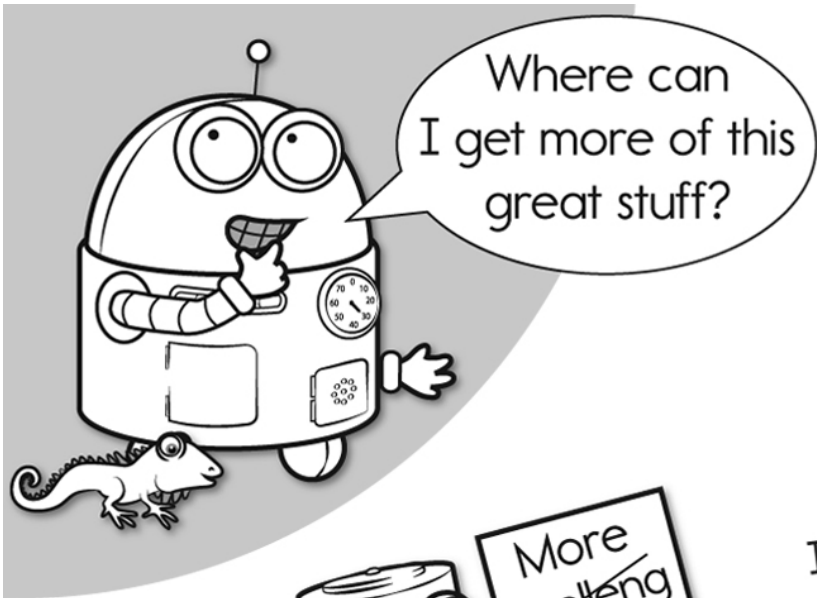
- Clue 4: ditch effort frock wide aide gem

- Clue 5: bolt wave plane prize fatal kiss gem frock

What's in the Box? _____

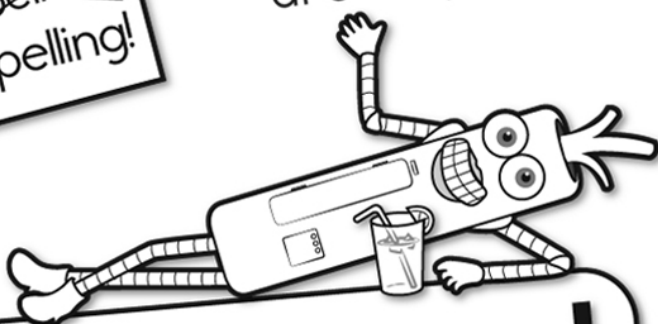
$24 \div 8 =$	Circle the greatest number: 29,087,356 412,963,817,045 906,723,148 564,079	You have four digits to use in an addition problem: 2, 4, 5, and 2. Make up a problem where you have two 2-digit numbers. What is the largest sum you can make?
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$32 \div 8 =$ _____	$3 \times 9 =$ _____	$3 \times 8 =$ _____
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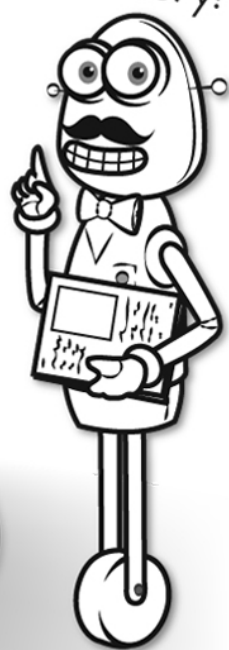


It's NO PREP at edHelper.

More history!



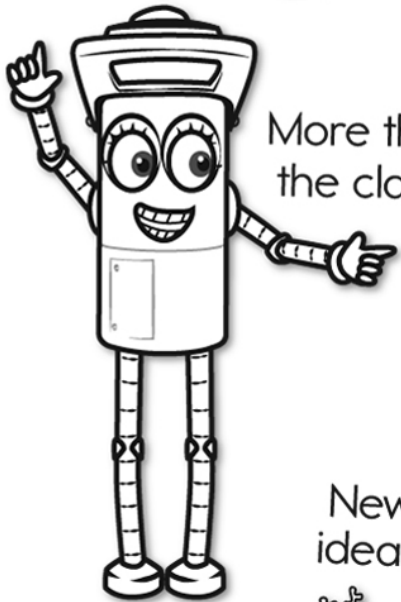
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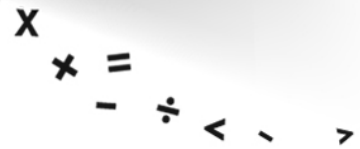
More things for the classroom!



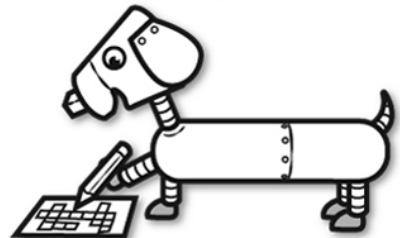
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