Name: _____

X			5			5
9	27 9 x ___	___ 9 x ___	___ 9 x 5	___ 9 x ___	___ 9 x ___	___ 9 x 5
	27 ___ x ___	___ ___ x ___	___ ___ x 5	54 ___ x ___	90 ___ x ___	___ ___ x 5
	___ ___ x ___	___ ___ x ___	50 ___ x 5	___ ___ x ___	___ ___ x ___	___ ___ x 5
	6 ___ x ___	___ ___ x ___	___ ___ x 5	12 ___ x ___	___ ___ x ___	___ ___ x 5
	___ ___ x ___	___ ___ x ___	___ ___ x 5	___ ___ x ___	___ ___ x ___	50 ___ x 5
6	___ 6 x ___	24 6 x ___	___ 6 x 5	___ 6 x ___	___ 6 x ___	___ 6 x 5
	___ ___ x ___	___ ___ x ___	40 ___ x 5	___ ___ x ___	___ ___ x ___	___ ___ x 5
	___ ___ x ___	28 ___ x ___	___ ___ x 5	___ ___ x ___	___ ___ x ___	___ ___ x 5

Fill in the missing letters. Write ue or oi.

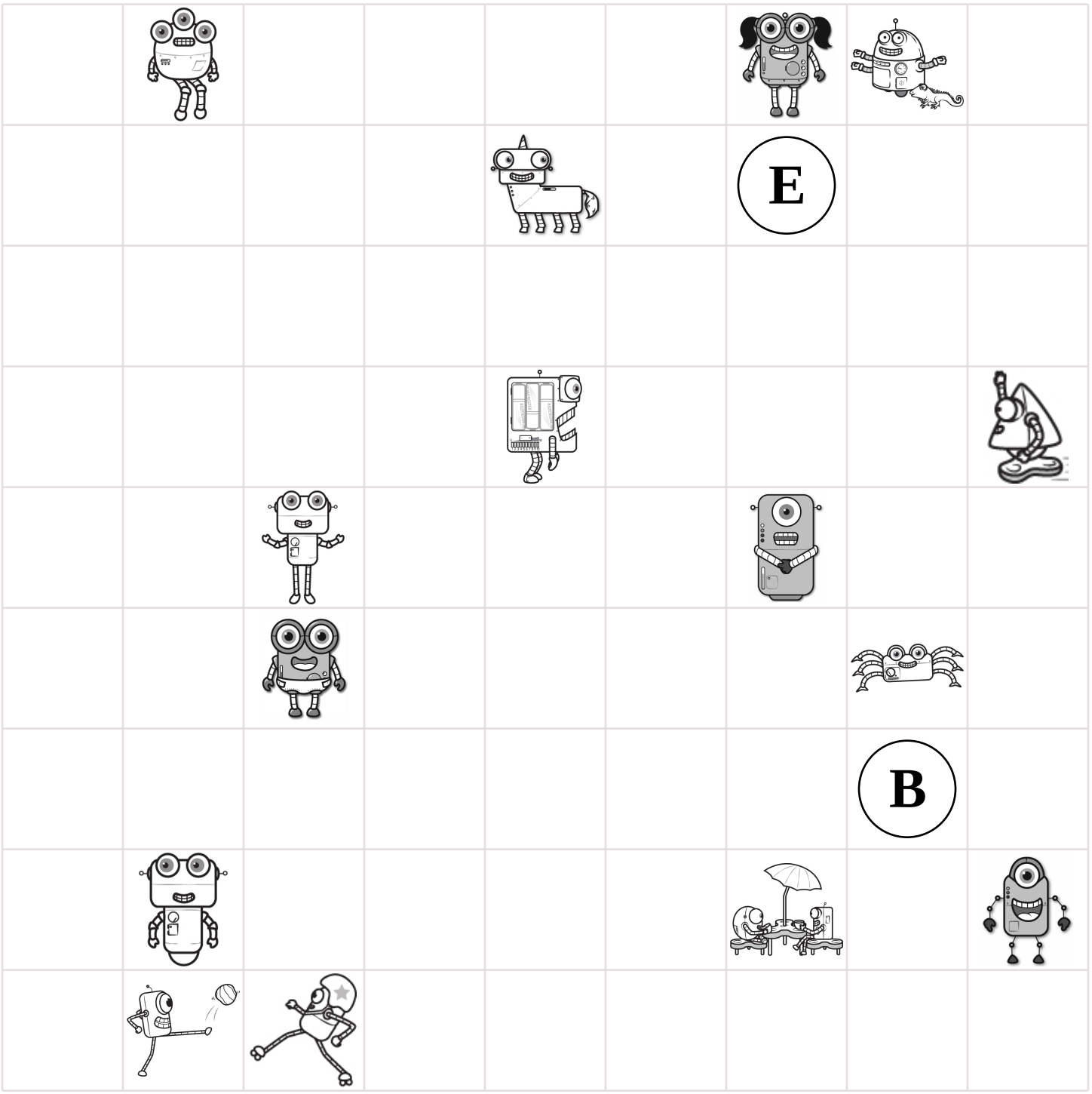
iss_____ discontin_____d av_____d sq_____eze

sp_____l app_____nt dialog_____ v_____d

word root **neo** can mean **new** **neophyte, neonate**

Name: _____

Pick up all of the robots from the game board. Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a robot or the E circle. No stopping on an empty box.** Try to collect all the robots and end your last line on the **E** circle. You can go through a robot more than once.



Didn't get them all? That's ok. This was hard. I missed only _____ robot/robots.

Name: _____

Robert calculated the mass of a toy car to be 25.4 grams. Jacob calculated the mass of the same car but made an error and obtained a mass that was greater than Robert's by a ratio of 5 to 3. What was Jacob's calculation for the mass of the car?

A chemistry experiment requires a salt solution. You have just dissolved 2.6 g of NaCl (salt) in 150 g of water. What is the final concentration (in g/ml) of your salt solution? Round your answer to the nearest thousandth.

Megan is trying to learn decimals. She only knows fractions. She's known fractions since she was 3. Now she is trying to learn decimals. Help her convert $\frac{1}{5}$ to a decimal.

Zeeka has invented a new space vehicle to go from his home planet of Zomba to his friend's planet of Oomba. It is a fun ride! It can fly at a speed of 780 mph. How far will it go in 5 minutes?

word root **dis** can mean **apart or opposite of** **dissection, dissonant, distort**

Name: _____

$11 + \frac{3}{4} + \frac{4}{9} =$

$6 + \frac{3}{8} - \frac{1}{2} =$

$5 - \frac{7}{11} + \frac{5}{8} =$

Rewrite 15 + -12

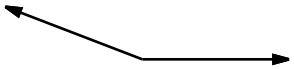
___ - ___ = ___

On a number line, what is the number that is 7 spaces right of -5?

15 - 5 = ___

15 + -5 = ___

Sketch 2 lines $\overleftrightarrow{LM}$ and $\overleftrightarrow{UV}$ that are parallel.



What kind of angle is this?

$$\begin{array}{r} 182 \\ \times\ 33 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ \times\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 436 \\ \times\ 2 \\ \hline \end{array}$$

Change $\frac{4}{5}$ to a decimal.

$$\begin{array}{r} 2.8 \\ \times\ 9 \\ \hline \end{array}$$

Change $\frac{15}{50}$ to a decimal.

Name: _____

What kind of angle has a measure of between 0° and 90°?

Sketch an obtuse angle named ∠FGH.

Sketch a right angle named ∠EFG.

$\frac{N}{30} = 29$

$\frac{30}{N} = 3$

$4m = 12$

$$\begin{array}{r} 0.5 \\ -\ 0.3 \\ \hline \end{array}$$

0.94 + 2.2 =

$$\begin{array}{r} 0.8 \\ -\ 0.34 \\ \hline \end{array}$$

30 + -43 =

5 + -2 =

-8 x -11 =

Write the reciprocal.

$\frac{1}{3}$

Write the reciprocal.

$\frac{2}{1}$

Write the reciprocal.

9

Name: _____

Mrs. Allen gave each of her 3 children an equal amount of money to spend at the beach. She gave them $19.68 in all. How much money did each child get?

Some fifth graders took a survey asking students whether they felt a lot of stress, a little stress, or no stress. The survey showed that $\frac{1}{5}$ felt a lot of stress, $\frac{1}{2}$ felt a little stress, and $\frac{3}{10}$ felt no stress. There were 12 students that felt no stress. How many students took the survey?

Peter is attending the World Eskimo-Indian Olympics. He can go to either the Blanket Toss or the Greased Pole Walk. He can choose either the qualifying rounds, the semifinals, or the finals of the events. He can buy only one ticket. How many choices does he have?

Write an equation to represent this:

The product of seven and five is thirty-five.

_____

Rosa rolls two dice. What is the chance of her rolling a 5 on one die and a 5 on the other die?

_____

55 ÷ 11 = _____

$$\begin{array}{r} 33 \\ -\ 19 \\ \hline \end{array}$$

If you divide 77 by 5, you get a remainder of 2.
Make up three other different equations where you divide by 5 and get a remainder of 2.

1 km = 1,000 m

13 km = _____ m

Name: _____

815 - 724 = _____

$$\begin{array}{r} 309 \\ +\ 466 \\ \hline \end{array}$$

12 x 4 =

Make a decimal number. Start with a zero and a decimal point. Then use these numbers: BANG, 1, 4, and 2. Make three different decimal numbers. Put your theee decimal numbers in order from largest to smallest.

5 x 5 = _____

$$\begin{array}{r} 954 \\ -\ 784 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ +\ 48 \\ \hline \end{array}$$

Three girls ran a race.
Sara was not as fast as Anne.
Anne ran past Amy in the race and Amy never caught up.
Who won the race? Do you have enough information to know?

6 x 3 = _____

12 x 9 =

26 cm = _____ mm

You can buy 2 books for $10 at the store. At this rate, what would be the cost of four books?

12 x 3 = _____

How many pounds are in 48 ounces?

_____ pounds

In the number 248,897,823, the digit 7 is in what place?

_____

Name: _____

What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word	Sum
P E R M I T _ _ (1 2 4 6 12 18)	13
O _ _ _ _ _ _ _ (1 2 4 6 8 12 16)	
P O _ _ _ _ _ _ (1 2 4 6 10 16)	
R E _ _ _ _ _ (1 2 4 6 10)	
P R _ _ _ _ _ _ (1 2 4 8 14 20)	

Make a Word	Sum
_ P _ _ _ _ _ _ (1 2 4 6 8 12 16)	
H U _ _ _ _ _ _ (1 2 4 6 12 18)	
T U _ _ _ _ _ _ (1 2 4 6 12 18)	
V I _ _ _ _ _ _ (1 2 4 6 10 16)	
I M _ _ _ _ _ _ (1 2 4 6 10 16)	

132 ÷ 12 = _____

Jessica and her little sister, Rosa, both have birthdays on the same day. Jessica is twelve years old. Rosa is nine years old. Did you know that Jessica was once double the age of Rosa? How many years ago was that?

Circle the addition property for 63 + 66 = 66 + 63.

commutative property

associative property

72 ÷ 9 = _____

14 ÷ 7 = _____

32,682 - 17,574 = _____

Name: _____

7 • 2 • 0 • + • 4 • = • 4 • 6 • = • 5 • x • 1 • 0 • ÷ • 2 • 4
4 • 1 • 6 • 1

Use the pieces above to help you fill in the runaway math puzzle.

				2			-	3	=	6	-			
				+			÷							
							7	x		=	4	2		7
							=							
		4	+	6	=					÷				5
		÷				÷			3	5		5	=	7
		2		5		1				=				3
		=		-		1				9				5
			+	0	+	2	=							
	5			=		0								
	x	7	=	7				8						
				-				÷						
	=			2	x	8	=	6						
	3							=						
	0						6	x	8	=	4	8		

2 x 9 = _____

80 ÷ 8 =

Which is the better buy?
Seven bags of candy for $63
or two bags of candy for $6?

word root **heli** can mean **spiral** **helix, helicopter**

Name: _____

France, Switzerland, and Finland were awarded gold (4, 3, and 2), silver (6, 5, and 8), and bronze (3, 8, and 6) medals. Figure out how many of each type of medals were won by each of the three countries.

For example, country x may have won 4 gold, 8 silver, and 8 bronze medals. However, if country x won 4 gold medals, that means country z did not win 4 gold medals. Instead, country z may have won 3 gold medals.

Use the clues to figure out the number of medals awarded to each country.

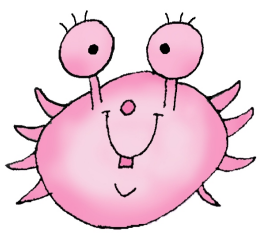
1. Finland won a total of twenty medals.
2. One country won two gold medals. The same country also won five silver medals.
3. Finland won two silver medals in downhill skiing as well as three silver medals in ski jumping.
4. Finland won either six or eight silver medals.
5. Switzerland won more silver medals than gold medals. Switzerland also won more silver medals than bronze medals.
6. Switzerland won the fewest silver medals.
7. Finland won the same number of bronze medals as silver medals. Finland also won more bronze medals than gold medals.
8. One country won an even number of bronze medals and six silver medals.
9. France won either three or six bronze medals.
10. Finland won the most gold medals.

France won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Switzerland won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Finland won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

$9 \div 3 =$ _____



Name: _____

$6\overline{)5868}$ $8\overline{)371368}$ $4\overline{)39341}$

$5\overline{)1460}$ $3\overline{)7284}$ $9\overline{)8737}$

Write as a decimal.
Seventeen and six hundredths

Write as a decimal.

$20\frac{55}{100}$

Write as a decimal.

$\frac{4}{100}$

$y = x + 19$
$y = 30$
What is the value of x?

What is the value of j?

$7j + 14 - 6j = -8$

$|-15| - d = 19$

$d =$

Name: _____

Find the way from START to END by passing only through numbers that are multiples of twelve.

You can go up, down, left, right, AND diagonally!

START	504	766	725	813	917	610	455	260	990
942	348	107	634	615	598	630	524	764	287
133	516	288	325	917	258	376	915	247	824
298	913	792	95	338	703	30	785	938	872
832	364	240	156	919	897	58	132	144	31
910	989	791	744	600	24	154	696	948	768
655	589	757	481	742	576	480	528	72	252
752	440	255	112	703	719	76	772	36	296
563	691	737	511	935	104	94	177	408	888
526	75	453	198	41	313	713	942	263	END

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

One set of sums has been done for you.

	sum of 9 ↓	sum of 6 →				sum of 7 ↓
		sum of 3 ↓		sum of 6 →		
sum of 3 →			sum of 7 ↓		sum of 8 →	
sum of 9 →					sum of 8 →	
		sum of 8 →				sum of 8 ↓
sum of 6 →				sum of 5 →	2	2
sum of 3 →				sum of 8 →		
		sum of 3 →			sum of 5 →	

sum of 5 →					sum of 10 →		
sum of 8 ↓	sum of 8 →						sum of 4 ↓
		sum of 6 →					
	sum of 7 →					sum of 8 ↓	
	sum of 9 ↓	sum of 10 →	3	7	sum of 3 →		
sum of 10 →							
		sum of 6 →					
sum of 9 →					sum of 2 →		

2 x 12 = _____

90 ÷ 10 = _____

(8 + 5) + 7 =

You have four digits to use in an addition problem: 9, 1, 4, and 4. Make up a problem where you have two 2-digit numbers. What is the largest sum you can make?

81,523 - 71,242 = _____

22 ÷ 2 = _____

24 ÷ 8 =

12 x 2 = _____

12 x 8 =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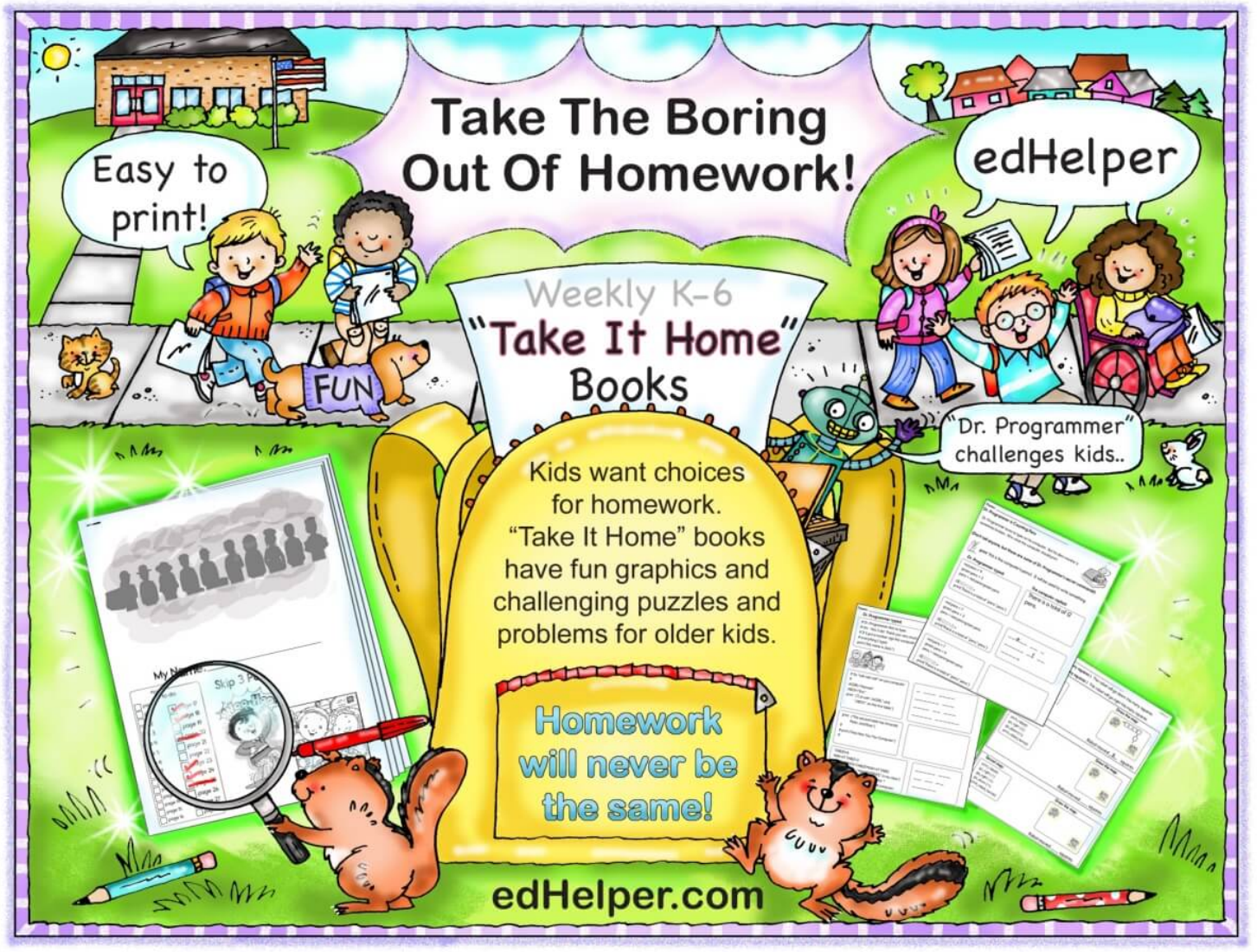
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