

Name: _____

The EdHelper Clothes store at the mall has four employees (Alexandra, Lauren, Cameron, and Daniel). This week they worked 19, 21, 37, and 34 hours. The employees at EdHelper Clothes are paid by the hour. Each employee is paid at a different hourly rate (\$14.34, \$14.38, \$14.33, and \$14.83).

Figure out how many hours each employee worked this week. Also, determine each employee's hourly pay.

1. Lauren had the largest paycheck for the week.
2. This week, Lauren worked the most number of hours.
3. The employee that worked thirty-four hours this week, worked forty-two hours last week. Last week, the employee earned \$114.64 more than the amount the employee earned this week.
4. Daniel worked less than thirty-four hours this week.
5. Cameron earned \$311.43 this week.
6. Cameron earns the most amount of money per hour.

Alexandra worked _____ hours and was paid _____ hourly.

Lauren worked _____ hours and was paid _____ hourly.

Cameron worked _____ hours and was paid _____ hourly.

Daniel worked _____ hours and was paid _____ hourly.

$$9 + (77 \div 7) - 20 \div 4 =$$

In what quadrant would you find the point (11, -5)?

$$4 + 11 \times 10 + 11 - 6$$

$$1 \text{ km} = 1,000 \text{ m}$$

$$22 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

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

For 5,700,501,821,422,271, write the digit that is in the hundred thousands place.

Name: _____

Sudoku Sums of 13

Each row, column, and box must have the numbers 1 through 9.
 Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 13.

Here is an example of a sudoku sum of 13:

1	12
---	----

6	3		2			7	8	
		5					9	3
		2	8					
9	7			6				8
				7	2		3	
3	2			9	4	8		
	8		6	2			7	
	5	7			8			

$$\begin{array}{r} 8.73 \\ +3.34 \\ \hline \end{array}$$

$$\begin{array}{r} 0.1 \\ 0.4 \\ +0.7 \\ \hline \end{array}$$

$$2 - 1.5 =$$

Name: _____

Cross off the number that does NOT belong.

(827,150,951,094) , (63,626,996,238) , (4,894,384,326) , (376,491,102) ,
 (28,960,854) , (2,227,758) , (171,366) , (13,182) ,
 (1,400) , (1,014) , (78)

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

64789, 89647, 47896, 96478, 78964, 64789, 96478, 89647,
 47896, 96478, 78964, 64789, 89647, 47896, 96478

Why does _____ not belong in the pattern?

Name: _____

Find the missing numbers. These both have the same rule. What is the rule?

If

$1, 9 = 9$

$2, 12 = 24$

$3, 14 = 42$

$4, 18 = 72$

Then

$5, 21 = ?$

If

$5, 6 = 30$

$6, 11 = 66$

$7, 16 = 112$

$8, 21 = 168$

Then

$9, 26 = ?$

Complete each pattern. Write what the rule is.

34.2	30.4	26.6
22.8	19	
11.4		3.8

Name: _____

Complete each pattern. Write what the rule is.

$$5, 4, 5\frac{1}{4}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 4\frac{1}{2},$$

$$5\frac{3}{4}, 4\frac{3}{4}, 6, 5, 6\frac{1}{4}$$

$$\underline{\hspace{1cm}}, 13, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 3\frac{1}{2}, 13\frac{1}{2}, 3\frac{3}{4},$$

$$13\frac{3}{4}, 4, 14, 4\frac{1}{4}, 14\frac{1}{4}, 4\frac{1}{2}, 14\frac{1}{2}$$

Complete each pattern. Write what the rule is. HINT: The first three numbers in each pattern are random numbers.

$$8.84, 15.31, 11.96, 36.11, 63.38, 111.45, 210.94,$$

$$385.77, 708.16, 1304.87, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$$

$$2.25, 9.75, 3.73, 15.73, 29.21, 48.67, 93.61,$$

$$171.49, 313.77, 578.87, 1064.13, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$$

Name: _____

Each row, column, and box must have the numbers 1 through 9.

	5			9	8		1	
6	1			7		8		
7		8						9
			6			3		
				8		1		4
	7	6	4					
4	3	5						
		7			3	4	8	
				2				

$$0.8 (0.4 (0.8 + 5)) =$$

Rewrite $\frac{4}{25}$ as a decimal.

$$|-6| + x = 2$$

x =

How many inches are in 7 feet?

_____ inches

$$773 + 885 = \underline{\hspace{2cm}}$$

Name: _____

Kylie, Danielle, Brianna, and Amanda competed in the women's singles figure skating competition.

Each person has been assigned a technical and presentation ordinal mark. A mark of 1.0 indicated that the person was placed in first place. To determine the winner, the two marks from each judge are added together and assigned an ordinal. In case of a tie, the technical mark has more weight. If there is still a tie, we will allow both people to share the same rank. (Please note that these calculations are simplified from the actual Olympics.)

For the technical ordinal score, the judges give the best performance an ordinal of one. The next best performance receives an ordinal of two, and so on. The presentation ordinal score is assigned in the same way. So for four people, a person could have a presentation ordinal score ranging from 1 to 4.

(When ordinals are compared, a higher ordinal score actually means a lower number. For example an ordinal of 1 is better, and considered higher than an ordinal of 3.)

Figure out the scores for each skater and their final rankings.

1. Kylie's technical ordinal is lower than her presentation ordinal.
2. Amanda's technical ordinal score was lower than Danielle's technical ordinal score.
3. Brianna had the best technical ordinal score.
4. Danielle did not have a presentation ordinal mark of 2.
5. Danielle's technical ordinal is lower than her presentation ordinal.
6. One skater received a 1 technical ordinal and a 4 presentation ordinal.
7. Kylie's technical ordinal score was higher than Amanda's and lower than Danielle's.
8. One skater received a 3 presentation ordinal and a 4 technical ordinal.

Kylie received a score of _____. Kylie came in _____ place.

Danielle received a score of _____. Danielle came in _____ place.

Brianna received a score of _____. Brianna came in _____ place.

Amanda received a score of _____. Amanda came in _____ place.

word root **femin** can mean **woman**

feminine, effeminate

Name: _____

Sean, Brandon, Christian, and Zachary each own a car. One has a gray car, one has a blue car, one has a purple car, and one has a brown car.

Figure out the color of each person's car.

1. Christian's favorite colors are purple and brown. His car is one of his favorite colors.
2. Brandon borrowed the purple car, because Christian was using his car.
3. Brandon doesn't like gray cars.
4. Christian borrowed the gray car, because Zachary was using his car.
5. Sean borrowed the blue car, because Brandon was using his car.
6. Sean's favorite colors are brown and purple. His car is one of his favorite colors.
7. Christian doesn't like gray cars.
8. Christian doesn't like purple cars.

Sean has a(n) _____ car.

Brandon has a(n) _____ car.

Christian has a(n) _____ car.

Zachary has a(n) _____ car.

If $3x = 45$, then $x =$

$9m - 20.6 = 19$

$m =$

$\frac{1}{7} \times \frac{3}{7}$

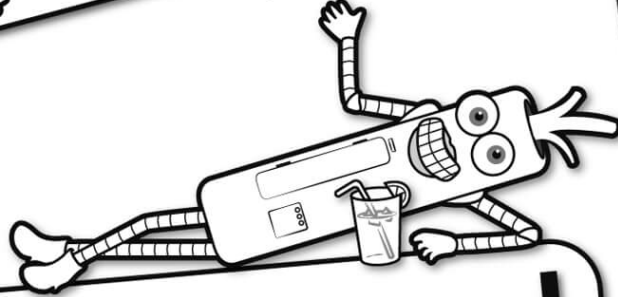
If $m = 9$ and $h = -15$ then
what is $6m + 15h - 2h = ?$

Rewrite $\frac{1}{5}$ as a
decimal.

$\frac{11}{12} \div \frac{24}{36} =$



It's NO PREP at edHelper.

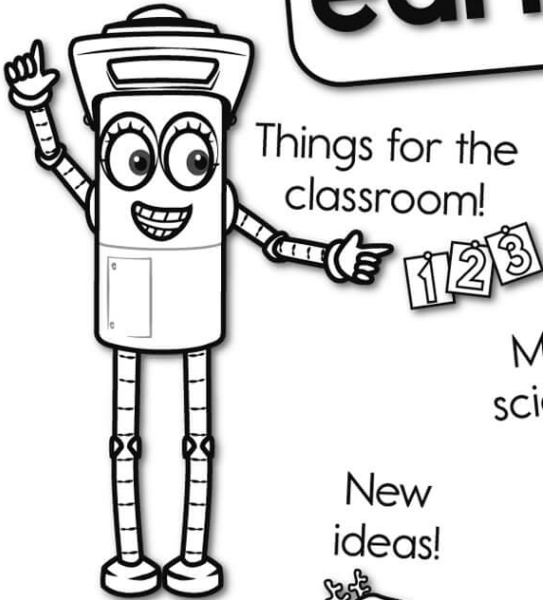


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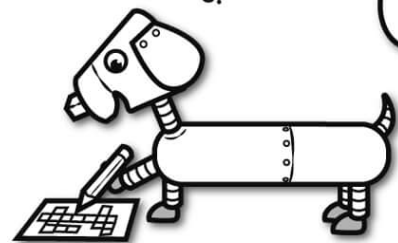
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