

Math 6 - Unit 3: Expressions

Get a Clue (Evaluating Expressions)


Name: _____

Class Period: 1 2 3 4 Date: _____

Solve each problem. Show ALL work and CIRCLE your answers. Use your answers and the answer table to remove options and figure out Who? Where? and What?

1) Find the mean of the data set: 14, 19, 13, 22, 7	2) Find the median of the data set: 17, 35, 20, 18, 29, 26	3) Find the mode of the data set: 10, 18, 13, 22, 10, 13, 10, 19
4) Find the range of the data set: 37, 40, 33, 45, 32, 34	5) What is the outlier in the following set? 29, 2, 28, 30, 26, 31	6) Pam is 17 years old and her sister is 9 . Her two brothers are 11 and 7 years old. What is the mean of their ages?
7) Sam had four tests last month. His scores were 81, 94, 83 and 91 . What is the median of his scores?	8) When Sally went bowling, her scores were 108, 72 and 95 . If she bowls a fourth game, what will her score need to be to give her an average of 91 ?	9) The mean of the data set is 15. What number is missing? 18, 16, __, 9, 12, 23
10) The range of a data set is 18 . If the smallest number in the set is 9 , what is the largest number?	11) Find the median of the data set: 8, 19, 14, 16, 9, 20, 9	12) The median of the data set is 18. What number is missing? 12, 13, 17, __, 21, 25

13) Mindy had five tests last month. Her scores were 95, 86, 78, 80 and 91 . What is the range of her scores?	14) The mode of the data set is 21. What number is missing? 21, 17, __, 25, 23, 13	15) The range of a data set is 32 . If the largest number in the set is 50 , what is the smallest number?
16) Find the mean of the data set: 15, 22, 19, 20, 29, 18, 25, 19, 31	17) Find the mode of the data set: 29, 22, 19, 20, 29, 23, 29, 19, 31	18) What is the outlier in the following set? 28, 31, 40, 26, 38, 65, 39, 35, 30
19) The mean of the data set is 18. What number is missing? 21, 11, __, 27, 22, 13, 16	20) The median of the data set is 81. What number is missing? 70, 77, 80, __, 82, 87, 88	21) What is the value of the best measure of center for the data set? 12, 13, 19, 20, 20, 24, 51

	Who?	Where?	What?
<p><i>Find your answers in the table to the right and cross out the box containing the answer.</i></p> <p><i>When you are done circle the person, place or thing that is left over in each column to solve the mystery.</i></p> 	Dak Prescott 12	Green Bay 3	Helmet 2
	Russell Wilson 13	Tampa Bay 11	Goal Post 10
	Matt Stafford 15	Dallas 14	Jersey 17
	Aaron Rogers 18	Cincinnati 16	Pom Pom 21
	Patrick Mahomes 19	St. Louis 20	Tee 64
	Joe Burrow 22	Seattle 23	Gatorade 65
	Kyler Murray 27	Arizona 29	Down Marker 87
	Tom Brady 72	Los Angeles 81	Football 89

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ANSWER KEY

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1) Find the mean of the data set: 14, 19, 13, 22, 7 15	2) Find the median of the data set: 17, 35, 20, 18, 29, 26 23	3) Find the mode of the data set: 10, 18, 13, 22, 10, 13, 10, 19 10
4) Find the range of the data set: 37, 40, 33, 45, 32, 34 13	5) What is the outlier in the following set? 29, 2, 28, 30, 26, 31 2	6) Pam is 17 years old and her sister is 9 . Her two brothers are 11 and 7 years old. What is the mean of their ages? 11
7) Sam had four tests last month. His scores were 81, 94, 83 and 91 . What is the median of his scores? 87	8) When Sally went bowling, her scores were 108, 72 and 95 . If she bowls a fourth game, what will her score need to be to give her an average of 91 ? 89	9) The mean of the data set is 15. What number is missing? 18, 16, __, 9, 12, 23 12
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16) Find the mean of the data set: 15, 22, 19, 20, 29, 18, 25, 19, 31 22	17) Find the mode of the data set: 29, 22, 19, 20, 29, 23, 29, 19, 31 29	18) What is the outlier in the following set? 28, 31, 40, 26, 38, 65, 39, 35, 30 65
19) The mean of the data set is 18. What number is missing? 21, 11, __, 27, 22, 13, 16 16	20) The median of the data set is 81. What number is missing? 70, 77, 80, __, 82, 87, 88 81	21) What is the value of the best measure of center for the data set? 12, 13, 19, 20, 20, 24, 51 20

	Who?	Where?	What?
<p>Find your answers in the table to the right and cross out the box containing the answer.</p> <p>When you are done circle the person, place or thing that is left over in each column to solve the mystery.</p> 	Dak Prescott 12 #9	Green Bay 3	Helmet 2 #5
	Russell Wilson 13 #4	Tampa Bay 11 #6	Goal Post 10 #3
	Matt Stafford 15 #1	Dallas 14 #11	Jersey 17 #13
	Aaron Rogers 18 #15	Cincinnati 16 #19	Pom Pom 21 #14
	Patrick Mahomes 19 #12	St. Louis 20 #21	Tee 64
	Joe Burrow 22 #16	Seattle 23 #2	Gatorade 65 #18
	Kyler Murray 27 #10	Arizona 29 #17	Down Marker 87 #7
	Tom Brady 72	Los Angeles 81 #20	Football 89 #8