

Math 6 - Unit 3: Expressions

Get a Clue (Order of Operations)


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) $10 \div 2 + 8 =$	2) $3 \cdot 4 + 5 =$	3) $2^2 \div 2 + 3.75 =$
4) $18 - 9 \div 3 =$	5) $22 + 3 \cdot 5 =$	6) $2 \cdot (8 + 4) - 8 =$
7) $5 \cdot 3 + 15 \div 3 =$	8) $3.5 \cdot 2 + (7 \div 2) =$	9) $2 + (10 \div 2) + 4 =$
10) $5 + 3^2 - 2 =$	11) $9 \cdot 5 + 1 - 7 =$	12) $1 + 10 \div (3 + 2) =$

13) $7^2 - 8 \div 2 =$	14) $2 + (2.8 \div 4) + 1 =$	15) $5 \cdot (8 - 6) + 4 =$
16) $5 + 5 \cdot 5 \div 5 =$	17) $3 \cdot 5 (18 \div 3) =$	18) $5 + 3^2 \cdot 2 =$
19) $20 \div (8 - 4) \cdot 1.5 =$	20) $10 \cdot 2 - (15 \div 5) - 8 =$	21) $3 + 3^4 \div 9 \cdot (4 - 1) =$

	Who?	Where?	What Spell?
<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> 	Harry Potter 12	Hogwarts 5.75	Lumos 39
	Hermione Granger 37	Diagon Alley 9	Flying Charm 10.5
	Ron Weasley 14	Gringotts 17	Silencio 90
	Albus Dumbledore 3.7	Leaky Cauldron 21	Expecto Patronum 23
	Severus Snape 28	Olivander's 45	Expelliarmus 7.5
	Hagrid 11	Hogsmeade 16	Wingardium Leviosa 46
	Draco Malfoy 10	Honeydukes 3	Reparo 13
	Dobby 15	Azkaban 20	Accio 30

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ANSWER KEY

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) $10 \div 2 + 8 =$ 13	2) $3 \cdot 4 + 5 =$ 17	3) $2^2 \div 2 + 3.75 =$ 5.75
4) $18 - 9 \div 3 =$ 15	5) $22 + 3 \cdot 5 =$ 37	6) $2 \cdot (8 + 4) - 8 =$ 16
7) $5 \cdot 3 + 15 \div 3 =$ 20	8) $3.5 \cdot 2 + (7 \div 2) =$ 10.5	9) $2 + (10 \div 2) + 4 =$ 11
10) $5 + 3^2 - 2 =$ 12	11) $9 \cdot 5 + 1 - 7 =$ 39	12) $1 + 10 \div (3 + 2) =$ 3

13) $7^2 - 8 \div 2 =$ 45	14) $2 + (2.8 \div 4) + 1 =$ 3.7	15) $5 \cdot (8 - 6) + 4 =$ 14
16) $5 + 5 \cdot 5 \div 5 =$ 10	17) $3 \cdot 5 (18 \div 3) =$ 90	18) $5 + 3^2 \cdot 2 =$ 23
19) $20 \div (8 - 4) \cdot 1.5 =$ 7.5	20) $10 \cdot 2 - (15 \div 5) - 8 =$ 9	21) $3 + 3^4 \div 9 \cdot (4 - 1) =$ 30

	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> 	Harry Potter 12	Hogwarts 5.75	Lumos 39
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