

**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) $3 + 3^4 \div 9 \cdot (4 - 1) =$

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

**Math 6 - Unit 3: Expressions**

Name: \_\_\_\_\_

Get a Clue (Order of Operations)


Class Period: 1 2 3 4 Date: \_\_\_\_\_

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

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

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