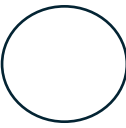
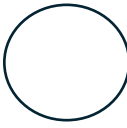
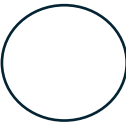
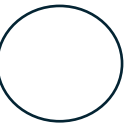


**10/24/2024 – Algebraic Expressions****Review of Unit 3 for Grade 7 Math (7R) – Fun theme: Emojis**Questions to follow along with show. Watch: [Math Homework Hotline](#)

|                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1) Simplify the expression. (MA.7.AR.1.1)</p> $(-6y - 2) + (7 - 4y)$              | <p>2) Simplify the expression. (MA.7.AR.1.1)</p> $\left(-\frac{1}{2}x - 4\right) - (3 - 7x + x)$                                                                                                                                                                                                                                                                                                                                  |
| <p>3) Simplify the expression. (MA.7.AR.1.1)</p> $(5x - 1) - (0.006x - 4 + 0.4x)$  | <p>4) Select all the expressions equivalent to <math>\frac{4}{3}(6 - x)</math>. (MA.7.AR.1.2)</p> <p><input type="radio"/> <math>\frac{4}{3}(x - 6)</math></p> <p><input type="radio"/> <math>\frac{4}{3}(-x + 6)</math></p> <p><input type="radio"/> <math>\frac{4}{3}x - 8</math></p> <p><input type="radio"/> <math>-\frac{4}{3}x + 8</math></p> <p><input type="radio"/> <math>-\frac{2}{3}x - \frac{2}{3}x + 8</math></p>  |
| <p>5) Write two equivalent expressions for:</p> $5(1 + x) - 10$ (MA.7.AR.1.2)      | <p>6) Write the expression in simplest form.</p> $\frac{4}{3}(6 - x) + 3\left(\frac{2}{3}x + 1\right)$ (MA.7.AR.1.2)                                                                                                                                                                                                                                                                                                            |

**10/24/2024 – Algebraic Expressions****Review of Unit 3 for Grade 7 Math (7R) – Fun theme: Emojis**Questions to follow along with show. Watch: [Math Homework Hotline](#)

|                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>7) Generate an equivalent expression.<br/>(MA.7.NSO.1.1)</p> <p>a) <math>3^4 \cdot 3^3</math></p> <p>b) <math>(\frac{1}{4})^2 (\frac{1}{4})^3</math></p> <p>c) <math>\frac{3^7}{3^3}</math></p>  | <p>8) Generate an equivalent expression.<br/>(MA.7.NSO.1.1)</p> <p>a) <math>6^0 \cdot 6^3</math></p> <p>b) <math>((\frac{1}{4})^2)^3</math></p> <p>c) <math>(6a)^3</math></p>  |
| <p>9) Evaluate each expression. (MA.7.NSO.1.1)</p> <p>a) <math>6^0 \cdot 6^3 \cdot 6</math></p> <p>b) <math>(7^2)^3</math></p> <p>c) <math>(5^5 \cdot 8)^2</math></p>                               | <p>10) What is the value of the expression?<br/>(MA.7.NSO.1.1)</p> $\frac{8^7 \cdot 8^2}{(8^2)^4 \cdot 8}$                                                                     |

Create your own emoji for #7-10.