

Scaffolding for Lesson 1.7, Questions 12 & 13

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12. Evaluate each expression. Show all your work.

a) $3 \times 5 + 10^3 \times 3 = 3 \times 5 + \underline{\hspace{2cm}} \times 3$
 $= \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
 $= \underline{\hspace{2cm}}$

b) $10 + (3^2 - 1) \div 2 - 4 = 10 + (\underline{\hspace{2cm}} - 1) \div 2 - 4$
 $= 10 + \underline{\hspace{2cm}} \div 2 - 4$
 $= 10 + \underline{\hspace{2cm}} - 4$
 $= \underline{\hspace{2cm}} - 4$
 $= \underline{\hspace{2cm}}$

13. Evaluate each expression. Check (✓) the correct choice.

<p>a) $(3 \times 5) \times 5 = \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$</p> <p><input type="checkbox"/> The answers are the same, so brackets are not needed.</p>	<p>$3 \times 5 \times 5 = \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$</p> <p><input type="checkbox"/> The answers are not the same, so brackets are needed.</p>
<p>b) $4 + (3^2 + 5) \times 3 = \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$</p> <p><input type="checkbox"/> The answers are the same, so brackets are not needed.</p>	<p>$4 + 3^2 + 5 \times 3 = \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$</p> <p><input type="checkbox"/> The answers are not the same, so brackets are needed.</p>
<p>c) $(4^2 \times 3) \div 2 + 1 = \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$</p> <p><input type="checkbox"/> The answers are the same, so brackets are not needed.</p>	<p>$4^2 \times 3 \div 2 + 1 = \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$ $= \underline{\hspace{2cm}}$</p> <p><input type="checkbox"/> The answers are not the same, so brackets are needed.</p>