

Class/Homework

pg. 342 # ~~4,5~~, 6, 7

5a) $5(x + 2)$

6) $7(4 + s)$

4. Evaluate each pair of expressions.

What do you notice?

a) i) $7(3 + 8)$

ii) $7 \times 3 + 7 \times 8$

b) i) $5(7 - 2)$

ii) $5 \times 7 + 5 \times (-2)$

c) i) $-2(9 - 4)$

ii) $(-2) \times 9 + (-2) \times (-4)$

5. Use algebra tiles to show that $5(x + 2)$ and $5x + 10$ are equivalent.

Draw a diagram to record your work.

Explain your diagram in words.

6. Draw a rectangle to show that $7(4 + s)$ and $28 + 7s$ are equivalent.

Explain your diagram in words.