5.5 Multiplying & Dividing a Polynomial by a Constant

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Use the Distributive Property to multiply a polynomial by a constant

$$\frac{E_{x} # 1}{(a) - 5(4e^{2} - 5e + 3)}$$

$$= -20e^2 + 25e - 15$$

#Use a Model (Rectangle)

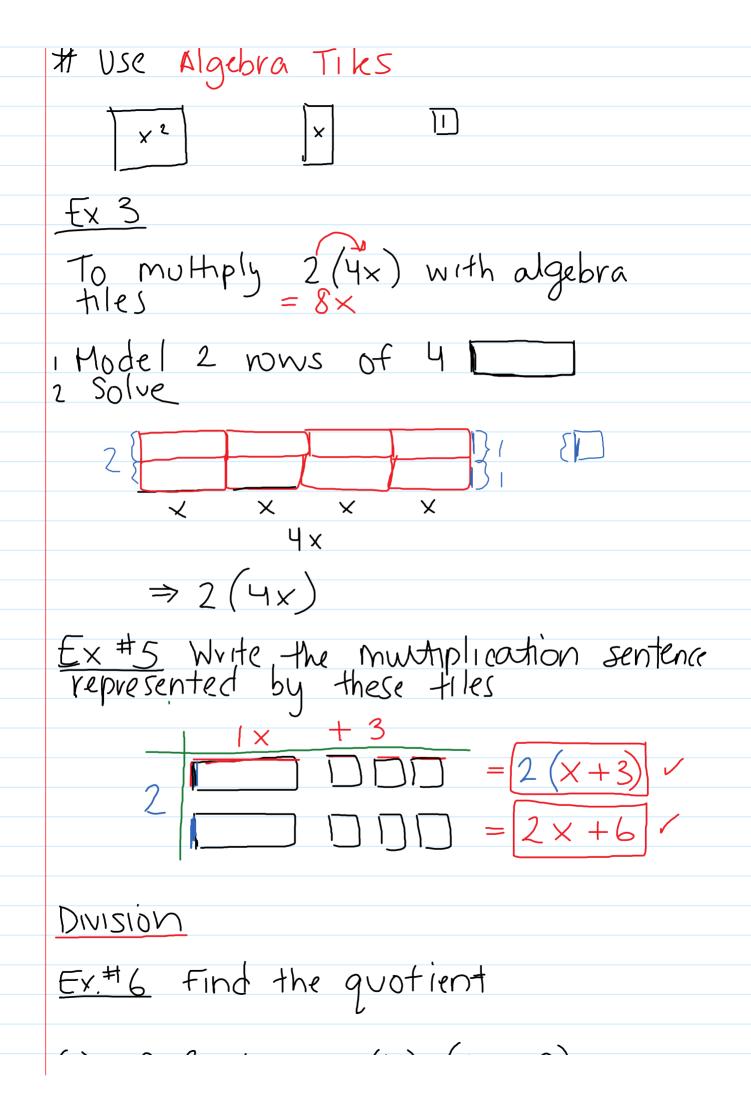
Write the multiplication sentence modelled by each rectangle

$$(A) \qquad \qquad (b) \qquad \qquad (b) \qquad \qquad (a) \qquad \qquad (b) \qquad \qquad (b) \qquad \qquad (c) \qquad \qquad (c)$$

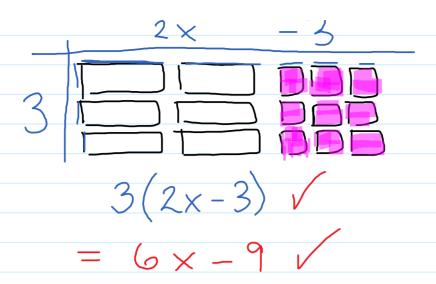
$$(length) \times (width) = 5w + 30$$

$$= 4(m+4)$$

. . .



Avrange 6 and 9 1 into



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