Mr. Bregar weighs 180 pounds and can bench press 275. Brandon's weight and strength are proportional to Mr. Bregar's. If Brandon weighs 155 pounds, how much can he bench press?

ratios & proportions can help solve this!

$$\frac{275}{180} \times \frac{180}{275} = \frac{155}{275} \times \frac{275}{180}$$

$$X = \frac{155 \cdot 275}{180} = 236.8$$

Worksheet 8A

Norksneet
$$\frac{84}{100}$$

 $\frac{2}{3} \times + \frac{3}{4} = \frac{1.2}{2.2} + \frac{-3}{4}$
 $\frac{3}{4} = \frac{1.2}{2.2} + \frac{-3}{4}$
 $\frac{3}{4} = \frac{3}{2} = \frac{1}{4} = \frac{3}{2}$
 $\frac{3}{4} = \frac{3}{4} = \frac{1}{4} = \frac{3}{4} = \frac{1}{4} = \frac{24}{4} = \frac{24}{4}$

$$\frac{2}{3}(-\frac{3}{8})^{\frac{1}{4}} = \frac{1}{2}$$

$$24(\frac{-6}{24} + \frac{3}{4}) = \frac{1}{2} \cdot 24$$

$$-\frac{144}{24} + \frac{72}{4} = \frac{24}{2}$$

$$-6 + 18 = 12$$

$$12 = 12$$

$$\frac{6}{2}(4-3) = \frac{1}{4}(5+6a)$$

$$\frac{3}{2}(4-3) = \frac{1}{4}(5+6a)$$

$$\frac{3}{4}(5+6a)$$

$$\frac{3}{4}(5$$

$$\frac{x \log x}{\sqrt{3}} = \frac{3}{3}(3-x) = \frac{3}{10}(2x+\frac{2}{3}) = \frac{3}{5}(3-x) = \frac{3}{10}(3-x+\frac{2}{3})$$

$$\frac{20}{3} - 2(3-x) = 2x + \frac{2}{3}$$

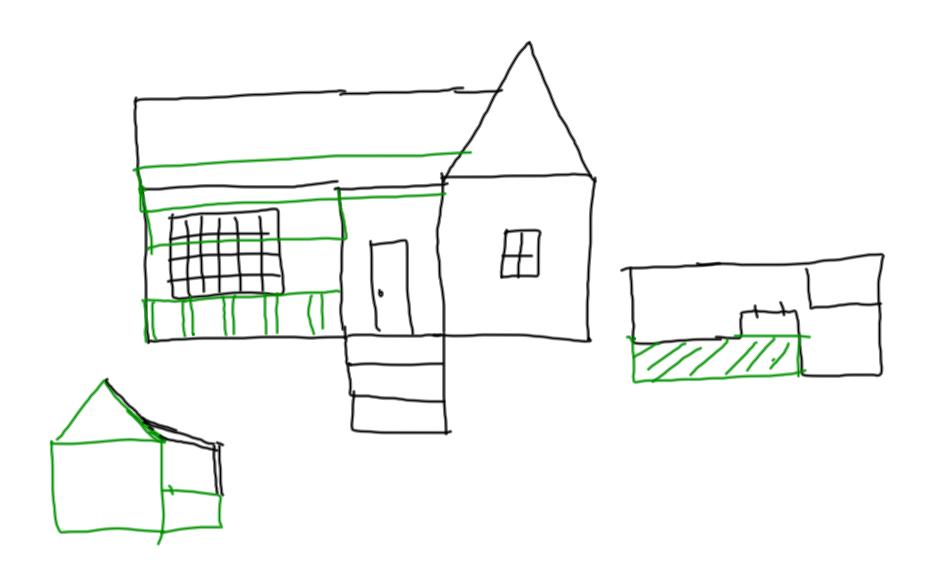
$$\frac{20}{3} - 6 + 2x = 2x + \frac{2}{3}$$

$$\frac{20}{3} - 6 - 2x - 2x$$

$$\frac{20}{3} - 6 = 2x + \frac{2}{3}$$

$$\frac{7}{5} = \frac{3}{10}(\frac{12}{3} + \frac{2}{3})$$

$$X=2$$
 $2-\frac{3}{5}(3-2)=\frac{3}{10}(3-2)$
 $2-\frac{3}{10}(4+2)$
 $2-\frac{3}{10$



$$\frac{5}{11}c+3=\frac{-4}{7}c-\frac{2}{3}$$

p. 165 26-38 (even), 46, 50, 522 p. 171 6-27 (every 3rd), 34,36,39,40