

Homework review - 7.6

TIDMIEWORK TEVIEW - 7.6

39
$$\times$$
 : age in years \times > 20 and \times \le 65

 \times : heart rate

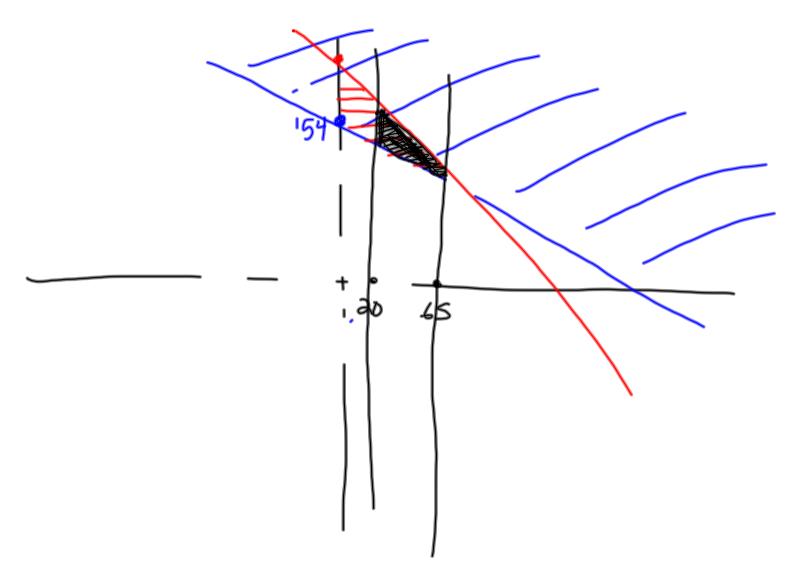
Maximum hr: 220 - \times

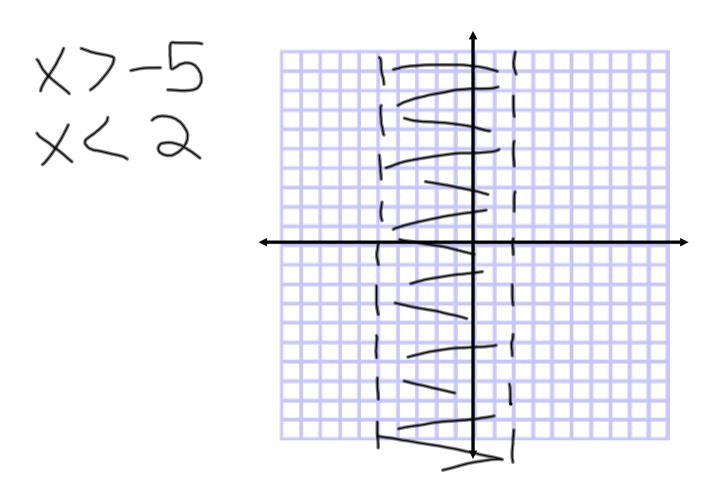
Neart rate \geq 70% of max hr.

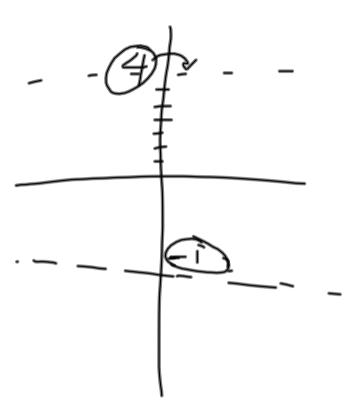
heart rate \le 85% of max hr.

1220 \times

1540 \times







Integer arithmetic review:

A Change all subtraction to adding a negative! 4 - 2 = 4 + -217 - x = 17 + -xCX. 3x-5(x-6)=3x+-5(x+-6)3x + 5x - 30 3x + 5x + 30

$$\frac{1}{\sqrt{2}} - \frac{1}{\sqrt{2}} = -\frac{1}{\sqrt{2}} \times \frac{30}{-1}$$

$$\frac{1}{\sqrt{2}} = \frac{30}{-1}$$

$$\frac{1}{\sqrt{2}} = \frac{30}{-1}$$

$$\frac{1}{\sqrt{2}} = \frac{30}{-1}$$

mult
$$/div$$
.

+ times + = +

- times + = -

- times - = +

add. / sub

$$+$$
 plus $+$ = $+$ }sum
 $+$ plus $-$ = $+$ }diff.
 $+$ plus $-$ if this is larger
 $+$ if this is larger

Fraction arithmetil:

A Change subtraction to adding a negative
$$\frac{1}{2} - \frac{2}{3} = \frac{1}{2} + \frac{2}{3}$$

$$-\frac{2}{3} = \frac{2}{-3} = -\frac{2}{3}$$

$$-\frac{2x+3}{4} = \frac{2x+3}{-4} = \frac{(2x+3)}{4}$$

$$= -2x+3$$

Multiplying

multiply across
$$\frac{2}{3}$$
 $-\frac{4}{9} = \frac{-8}{27}$

multiply across $\frac{2}{3}$ $\frac{-4}{9} = \frac{-8}{27}$

m.a.

m.a.

mama

Reducing:
$$\frac{21}{49} = \frac{7.3}{7.7} = \frac{3}{7}$$

$$\frac{-2}{-3} = \frac{-1}{3} = \frac{3}{476}$$

$$\frac{415}{2380} = \frac{83}{476}$$

$$\frac{3}{476} = \frac{3}{476}$$