# 1.5 HW Questions

22, 18, 32, 33, 11, 34, 36

(11)

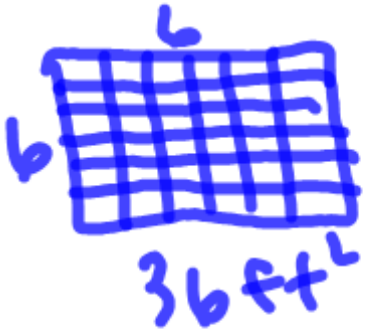
$$\sqrt[3]{\frac{8}{27}} = \frac{\sqrt[3]{8}}{\sqrt[3]{27}} = \frac{2}{3}$$

(18)

$\boxed{45\,ft^2}$

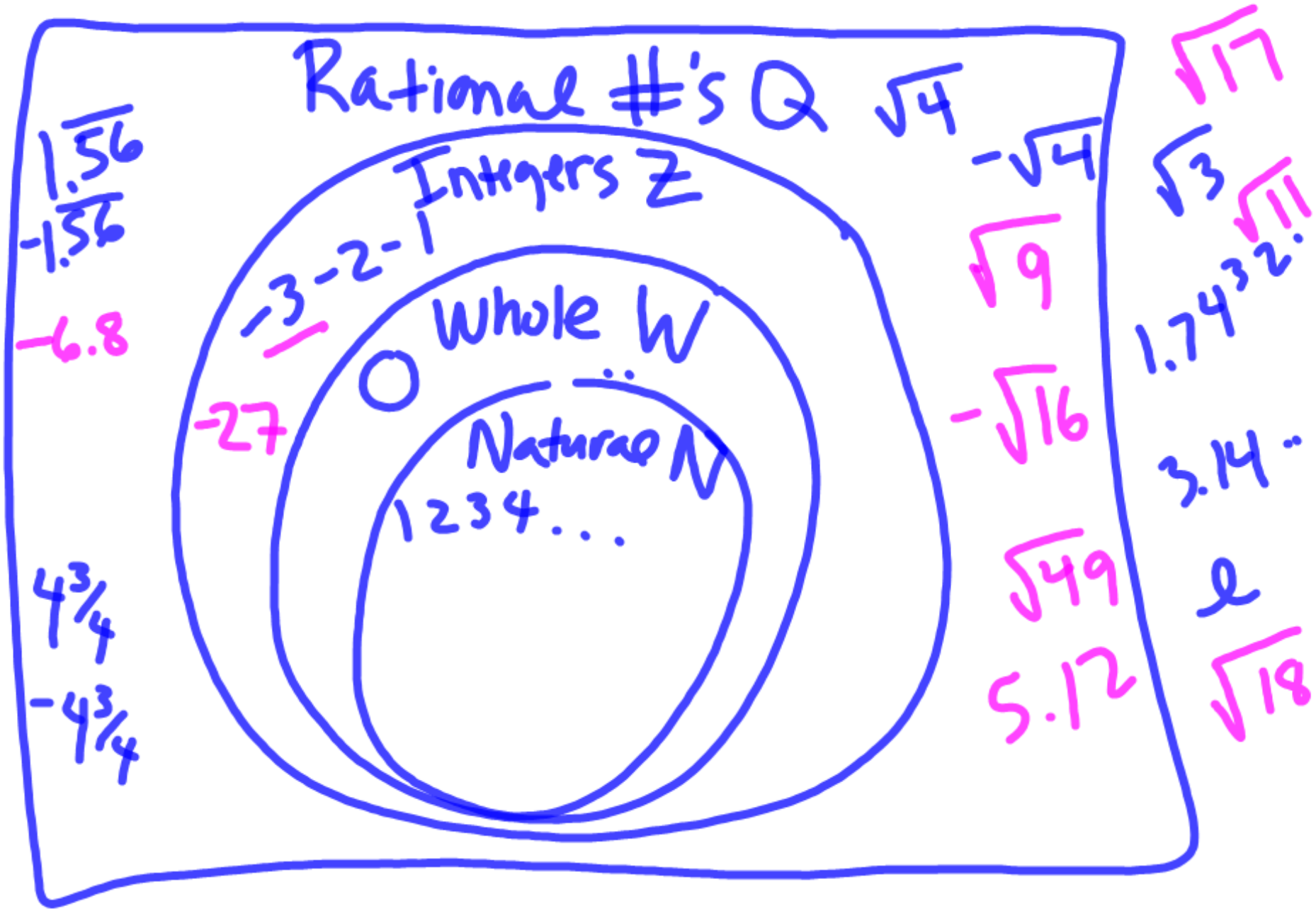
6.6, 6.7, 6.8

6.5




$$\begin{array}{c|c} & 7 \\ \hline 7 & \boxed{49} \end{array}$$

House
oven
cake
biscuit
flour


Rational #'s Q
Integers Z
Whole W
Natural N
1 2 3 4 . . .
0
-3 -2 -1
1.56
-1.56
-6.8
-27
4 3/4
-4 3/4
√4
-√4
√9
-√16
√49
5.12
√17
√3
√11
1.74 32..
3.14..
e
√18

# 1.6 H.W Questions 18, 19, 3

Commutative

$(5+8)+(3+10) = (3+10)+(5+8)$

associative.

$(2+3)+5 = 2+(3+5)$

18 $-2(a+b) = -2(b+a)$

19 $-16a = a(-16)$

3 $4+(x+3y) = (4+x)$

# 1.7 Simplifying Expressions.

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Odd #'s 19 - 45

Classwork

PEMDAS

P.51. #19

$3+4(-5)$

$3+{}^{-}20$

${}^{-}17$

21. $41+12\div 2$

$41+6=47$

23. $10^2 \div (10-20)$

$10^2 \div (-10)$

$100 \div (-10)$

$= -10$

25 $-4|2.5-6|$

$-4|-3.5|$

$-4 \cdot 3.5$

$-14$

27. $\sqrt{3^2 - 5} \div 8$

$\sqrt{9 - 5} \div 8$

$\sqrt{4} \div 8$

$2 \div 8$

$\frac{2}{8} = \frac{1}{4}$

35. $7y - 3 + 6y - 7$

$13y - 10$

37. $3x + 2y - 4 - 7x + 2y + x^2$

$x^2 - 4x + 4y - 4$