Class/Homework

pg. 336

#3(ac), #4(a,c), #5, #6, #7 (a,b), #8 (c,d), #9 a

Sheet Extra Practice 3

1, #2 ,#3, #4 ,#5, #6

Pg 336

3a) $\frac{t}{5} = 6$

$\frac{t}{5} \times 5 = 6 \times 5$

$t = 30$

LS $\frac{t}{5}$ $\frac{30}{5}$ 6

RS 6

c) $\frac{b}{6} = 3$

$\frac{b}{6} \times 6 = 3 \times 6$

$b = 18$

LS $\frac{b}{6}$ $\frac{18}{6}$ 3

RS 3

4 a) $\frac{d}{-4} = 5$

$\frac{d}{-4} \times -4 = 5 \times -4$

$d = -20$

LS

$\frac{d}{-4}$

$\frac{-20}{-4}$

5

RS

5

c) $\frac{k}{9} = -4$

$\frac{k}{9} \times 9 = -4 \times 9$

$k = -36$

LS

$\frac{k}{9} = \frac{-36}{9}$

$= -4$

RS

-4

5 b = # golf balls in bag

$\frac{b}{4} = 8$

$\frac{b}{4} \times 4 = 8 \times 4$

$b = 32$

LS
$\frac{b}{4}$
$\frac{32}{4}$
8

RS
8

There are 32 golf balls in the bag.

6. n = the number

a) $\frac{n}{6} = 9$

$\frac{n}{6} \times 6 = 9 \times 6$

$n = 54$

LS
$\frac{n}{6} = \frac{54}{6}$
$= 9$

RS
9

b) $\frac{n}{-4} = -3$

$\frac{n}{-4} \times -4 = -3 \times -4$

$n = +12$

LS
$\frac{n}{-4} = \frac{12}{-4}$
$= -3$

RS
-3

c) $\frac{n}{-5} = 7$

$\frac{n}{-5} \times -5 = 7 \times -5$

$n = -35$

LS
$\frac{n}{-5} = \frac{-35}{-5}$
$= 7$

RS
7

7. a) $\frac{n}{4}+3=10$

$\frac{n}{4}+3-3=10-3$

$\frac{n}{4}=7$

$\frac{n}{4}\times 4=7\times 4$

$n=28$

LS

$\frac{n}{4}+3$

$\frac{28}{4}+3$

$7+3$

10

RS

10

b) $\frac{m}{3}-2=9$

$\frac{m}{3}-2+2=9+2$

$\frac{m}{3}=11$

$\frac{m}{3}\times 3=11\times 3$

$m=33$

LS

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

$\frac{33}{3}-2$

$11-2$

9

RS

9

Pg 336

8 c) $-24+\frac{w}{5}=-29$

$-24+\frac{w}{5}+24=-29+24$

$\frac{w}{5}=-5$

$\frac{w}{5}\times 5=-5\times 5$

$w=-25$

LS: $-24+\frac{w}{5}$ RS: -29

$-24+\frac{-25}{5}$

$-24+-5$

-29

d) $-17+\frac{e}{-7}=-8$

$-17+\frac{e}{-7}+17=-8+17$

$\frac{e}{-7}=9$

$\frac{e}{-7}\times -7=9\times -7$

$e=-63$

LS: $-17+\frac{e}{-7}$ RS: -8

$-17+\frac{-63}{-7}$

$-17+9$

-8

9. n = the number

a) $\frac{n}{-3} + 1 = 6$

$\frac{n}{-3} + 1 - 1 = 6 - 1$

$\frac{n}{-3} = 5$

$\frac{n}{-3} \times -3 = 5 \times -3$

$n = -15$

Extra Practice 3

2a) $\frac{d}{5} = -8$

$\frac{d}{5} \times 5 = -8 \times 5$

$d = -40$

b) $\frac{f}{-6} = 10$

$\frac{f}{-6} \times -6 = 10 \times -6$

$f = -60$

c) $\frac{k}{-2} = -11$

$\frac{k}{-2} \times -2 = -11 \times -2$

$k = 22$

d) $\frac{q}{3} = -12$

$\frac{q}{3} \times 3 = -12 \times 3$

$q = -36$

checks

3 a) $x \equiv$ Chicken Pieces

$\frac{x}{4} = 7$

There was a total of 28 pieces

$4 \times \frac{x}{4} = 7 \times 4$

$x = 28$

4 a) $\frac{n}{3} - 2 = 10$

$\frac{n}{3} - 2 + 2 = 10 + 2$

$\frac{n}{3} = 12$

$3 \times \frac{n}{3} = 12 \times 3$

$n = 36$

b) $4 - \frac{p}{5} = 13$

$4 - 4 - \frac{p}{5} = 13 - 4$

$5 \times -\frac{p}{5} = 9 \times 5$

$-p = 45$

$p = -45$

d) $\frac{t}{-9} + 8 - 8 = -5 - 8$

$\frac{t}{-9} = -13$

$(-9)\frac{t}{-9} = -13 \times -9$

$t = 117$

d) $-17 + 17 + \frac{n}{-3} = 9 + 17$

$\frac{n}{-3} = 26$

$-3 \times \frac{n}{-3} = 26 \times -3$

$n = -78$

5 a) $\frac{n}{-4} = 7$

$n = -28$

b) $4 - 4 + \frac{n}{-3} = -2 - 4$

$\frac{n}{-3} = -6$

$-3 \times \frac{n}{-3} = -6 \times -3$

$n = +18$

c) $1 - 1 - \frac{n}{6} = 5 - 1$

$-\frac{n}{6} = 4$

$\times 6 \quad -\frac{n}{6} = 4 \times 6$

$-n = 24$

$n = -24$

$-\frac{n}{6} + 1 = 5$

Attachments

Extra Practice 3 Involving Fractios.pdf