

Algebra I
pg 85

| | | | | | |
|-----|-----|-----|-------|-----|------|
| 1) | -8 | 12) | -81 | 23) | -1 |
| 2) | -16 | 13) | x | 24) | -5/4 |
| 3) | 4 | 14) | -w | 25) | -3 |
| 4) | 3 | 15) | 2y | 26) | 2 |
| 5) | -16 | 16) | 4x | 27) | -1 |
| 6) | -36 | 17) | 13a | 28) | 15 |
| 7) | 0 | 18) | -48b | 29) | -3 |
| 8) | 24 | 19) | -9x | 30) | -3 |
| 9) | 36 | 20) | 6y | 31) | 0 |
| 10) | 24 | 21) | -13/2 | 32) | 0 |
| 11) | -35 | 22) | -2 | 33) | -1 |

$$6) 12 \div (-\frac{1}{3}) \quad 8) -6 \div (-\frac{1}{4}) \quad 9) \frac{-6}{-\frac{1}{8}} = -6 \div (-\frac{1}{8})$$

$$12 \cdot (-\frac{3}{1}) \quad -6 \cdot (-\frac{4}{1}) \quad -6 \cdot (-\frac{8}{1})$$

$$-36 \quad 24 \quad 36$$

$$10) \frac{-8}{-\frac{1}{3}} = -8 \div (-\frac{1}{3}) \quad 12) \frac{3846}{-8}$$

$$= -8 \cdot (-\frac{3}{1}) \quad -486$$

$$= 24$$

$$21) -12, 4, -11, -7$$

$$\frac{(-12) + 4 + (-11) + (-7)}{4}$$

$$\frac{-8 - 18}{4} = \frac{-26}{4}$$

$$= \frac{-13}{2}$$

$$26) \frac{bcd}{(1-b)a} = \frac{(-1)(2)(6)}{(1-(-1))(-3)}$$

$$= \frac{-2(6)}{2(-3)}$$

$$= \frac{-12}{-6}$$

$$= 2$$

$$27) \frac{abc}{(1-c)d} = \frac{(-3)(-1)(2)}{(1-2)(6)}$$

$$= \frac{3(2)}{-1(6)} = \frac{6}{-6}$$

$$29) \frac{a-2d}{b+3c} \quad 27) \frac{abc}{(1-c)(d)} \quad 31) \frac{a-3b}{bcd}$$

$$\frac{(-3)-2(6)}{(-1)+3(2)} \quad \frac{(-3)(-1)(2)}{(1-2)(6)} \quad \frac{(-3)-3(-1)}{(-1)(2)(6)}$$

$$\frac{(-3)-12}{-1+6} \quad \frac{3(2)}{(-1)(6)} \quad \frac{-3+3}{-2(6)}$$

$$\frac{-15}{5} \quad \frac{6}{-6} = -1 \quad \frac{0}{-12}$$

$$-3 \quad \frac{0}{-12}$$

pg 89
1-16
pg 90 Show
1-25 work