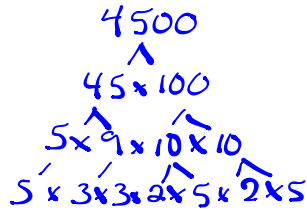


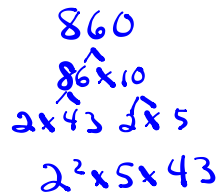
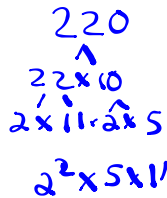
1. What are the prime factors of 4500.



$$2^2 \times 3^2 \times 5^3$$

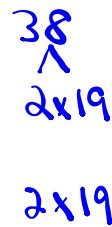
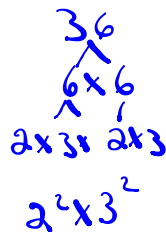
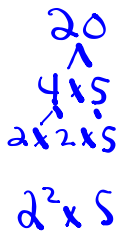
Textbook  
p. 140

2. What is the GCF of 220 and 860?



$$\begin{aligned}
 \text{GCF} &= 2^2 \times 5 \\
 &= 4 \times 5 \\
 &= 20
 \end{aligned}$$

3. What is the LCM of 20, 36 and 38?



$$\begin{aligned}
 \text{LCM} &= 2^2 \times 3^2 \times 5 \times 19 \\
 &= 3420
 \end{aligned}$$

Chapter 6

8.  $m = -\frac{1}{4}$   $(6, -5)$   $(a, -6)$

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$-\frac{1}{4} = \frac{-6 + 5}{a - 6}$$

$$\begin{aligned}
 a - 6 &= 4 \\
 a &= 10
 \end{aligned}$$

$$\begin{aligned}
 -1(a - 6) &= 4(-6 + 5) \\
 -a + 6 &= 4(-1) \\
 -a + 6 &= -4 \\
 -a &= -10 \\
 a &= 10
 \end{aligned}$$

## Corrections

## Chapter 6

2.  $m=0$

7. c)  $y+7=-9(x+3)$

$y=-9x-34$

$9x+y+34=0$

8.  $a=10$

## Chapter 3

2c)  $-28x^2-42x-14xy+18y+by^2$

Day 2 Review CorrectionsChp 4

1 ii)  $2\sqrt[3]{7}$

5 c)  $-3a^3b^2$

5 i)  $\frac{n^3}{2m^5}$

3 iv)  $11^{-\frac{3}{2}}$

v)  $21^{\frac{5}{2}}$

Chapter 3

3 iii)  $-12n^3m^2-16m+24n^2m$  <sup>add</sup>

Chapter 5

2. a) iii)  $-11$  iv)  $-\frac{5}{17}$