**Chapter 2 Practice Test**

**Chapter 2 Practice Test Page 84 Question 1**

A

**Chapter 2 Practice Test Page 84 Question 2**

D

**Chapter 2 Practice Test Page 84 Question 3**

C

**Chapter 2 Practice Test Page 84 Question 4**

B

**Chapter 2 Practice Test Page 84 Question 5**

D

**Chapter 2 Practice Test Page 84 Question 6**

B

**Chapter 2 Practice Test Page 84 Question 7**

C

**Chapter 2 Practice Test Page 84 Question 8**

The perimeter of the square is 4.8 m.

**Chapter 2 Practice Test Page 84 Question 9**

Since –3. is less than –3.4545, –3 would be to the left of –3.4545 on a number line.

**Chapter 2 Practice Test Page 84 Question 10**

Example: any integer can be written as a quotient of two integers by making the integer the dividend and the number, 1, the divisor.

Example: 9 = 

**Chapter 2 Practice Test Page 84 Question 11**

The numbers in descending order are , 0.94, , , –1.2, –1..

**Chapter 2 Practice Test Page 84 Question 12**

Between –2 and –3 there would be 5 fractions with a denominator of 6.

–2, –2, –2, –2, –2

Three of these fractions can be rewritten in lowest terms.

–2 = –2

–2 = –2

–2 = –2

**Chapter 2 Practice Test Page 84 Question 13**

**a)**  

**b)**

 –1.37

**c)** 

**d)** 9 

**e)** 2.44

**f)**

= 

**Chapter 2 Practice Test Page 84 Question 14**

Fredericks’ time was 9.89 s.

**Chapter 2 Practice Test Page 85 Question 15**

The sum of a number and its opposite is zero. So, the average would be zero.

Examples:

 [1.2 + (–1.2)] ÷ 2

= 0 ÷ 2

= 0

  ÷ 2

= 0 ÷ 2

= 0

**Chapter 2 Practice Test Page 85 Question 16**

 is a perfect square.

**Chapter 2 Practice Test Page 85 Question 17**

**a)** To find the number whose square root is 6.1, square 6.1.

6.12 = 37.21

 = 6.1

**b)**  = 0.37

**c)**  ≈ 2.645 751 311

 = 2.65 (rounded to the nearest hundredth)

**Chapter 2 Practice Test Page 85 Question 18**

**a)**

The area of the shape is 62.5 cm2.

**b)**

The perimeter of the shape is 43.2 cm.

**Chapter 2 Practice Test Page 85 Question 19**

Ron paid $19.11 per share when he bought the shares.

**Chapter 2 Practice Test Page 85 Question 20**

**a)** Example: the sum must be 1 because no other elements make up a quarter’s content.

**b)**

= 1

**c)**

The mass of the steel is 15. times as great as the combined mass of the nickel and the copper.

**d)**

The difference in mass is 2.816 g.