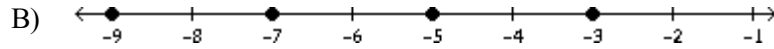
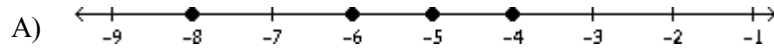
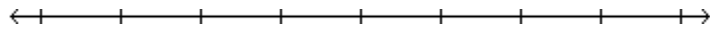


Worksheet 7.2

The Real Numbers.

Graph the numbers on the number line. See examples on pages 405-406 in text.

1. $-8, -6, -4, -2$



Convert to decimal notation. See examples on pages 406-407 in text.

2. $-\frac{5}{7}$

- A) -1.4 B) -2 C) -1 D) -0.714

Use $<$ or $>$ for \square to write a true sentence. See examples on pages 407-408 in text.

3. $-30 \square -23$

- A) $-30 > -23$ B) $-30 < -23$

4. $2 \square 0$

- A) $2 > 0$ B) $2 < 0$

Determine whether the statement is true or false. See examples on pages 408-409 in text.

5. $20 \leq 18 - 13$

- A) True B) False

Write an inequality with the same meaning. See examples on page 409 in text.

6. $0.877 \geq 0.196$

- A) $0.877 < 0.196$ B) $0.196 \leq 0.877$ C) $0.877 \leq 0.196$ D) $0.196 \geq 0.877$

Find the absolute value. See examples on pages 409-410 in text.

7. $-|-8|$

- A) -8 B) 8 C) 0 D) ± 8

8. $|-13| + |-11|$

- A) 2 B) -2 C) 24 D) -24

9. $|24| - |-12|$

- A) 36 B) 12 C) -12 D) -36

Find the decimal notation for the number in percent notation. See examples on page 217 in text.

10. The telethon raised 871% of its anticipated goal.

- A) 87.1 B) 871 C) 8.71 D) 0.871