

## 1-3C

**CLASSWORK/HOMEWORK**

## Real Numbers and the Number Line

Name the subset(s) of the real numbers to which each number belongs.

28.  $\frac{12}{18}$

29.  $-5$

30.  $\pi$

31.  $\sqrt{2}$

32.  $5564$

33.  $\sqrt{13}$

34.  $-\frac{4}{3}$

35.  $\sqrt{61}$

Compare the numbers in each exercise using an inequality symbol.

36.  $\sqrt{25}, \sqrt{64}$

37.  $\frac{4}{5}, \sqrt{1.3}$

38.  $\pi, \frac{19}{6}$

39.  $\sqrt{81}, -\sqrt{121}$

40.  $\frac{27}{17}, 1.7781356$

41.  $-\frac{14}{15}, \sqrt{0.8711}$

Order the numbers from least to greatest.

42.  $1.875, \sqrt{64}, -\sqrt{121}$

43.  $\sqrt{0.8711}, \frac{4}{5}, \sqrt{1.3}$

44.  $8.775, \sqrt{67.4698}, \frac{64.56}{8.477}$

45.  $-\frac{14}{15}, 5.587, \sqrt{81}$

46.  $\frac{100}{22}, \sqrt{25}, \frac{27}{17}$

47.  $\pi, \sqrt{10.5625}, -\frac{15}{5.8}$

48. Marsha, Josh, and Tyler are comparing how fast they can type. Marsha types 125 words in 7.5 minutes. Josh types 65 words in 3 minutes. Tyler types 400 words in 28 minutes. Order the students according to who can type the fastest