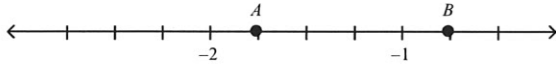# Part 1

1. Which number is equivalent to $-\dfrac{3}{8}$?

a. -3.75 c. -0.4
b. -0.375 d. 3.8

2. Which number is not between $-\dfrac{1}{3}$ and $-\dfrac{3}{5}$?
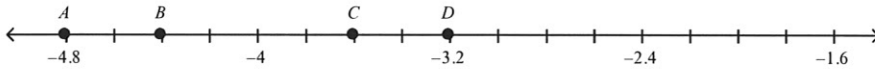
a. $-\dfrac{2}{3}$ c. $-\dfrac{13}{35}$

b. $-\dfrac{1}{2}$ d. $-\dfrac{2}{5}$

3. Which values describe the positions of A and B?

a. $-\dfrac{7}{4}$ and $-\dfrac{5}{4}$ c. $-1\dfrac{3}{4}$ and $-\dfrac{3}{4}$

b. -2.25 and -0.75 d. $-\dfrac{7}{8}$ and $-\dfrac{3}{8}$

4. Which point represents -4.4?

a. A   c. C
b. B   d. D

5. Select the symbol that makes the following statement true.

$0 \,\square\, -0.4$

a. $>$
b. $<$
c. $=$

6. Evaluate $-4.2 + (-3.8)$.

a. -8 c. -0.4
b. 8 d. 0.4

7.   Evaluate $3/4 + (-2/3)$

a. $1/4$ c. $1/12$
b. $-1/4$ d. $15/12$

8.   Evaluate $4/3 - (-2/3)$

a. $2/3$ c. $-2/3$
b. 2 d. $-6/3$

9.   Evaluate $-2\ 3/5 - 1\ 2/3$

a. $4\ 4/15$ c. $-4/15$
b. $-4\ 4/15$ d. $-2/5$

10.   Chose the correct value of $(-7.5)(-3)$.

a. 2.5 c. 22.5
b. -2.5 d. -22.5

11.   Choose the correct value of $(-6) \div (0.5)$.

a. -3 c. 12
b. 3 d. -12

12.   Choose the correct value of $(-3/7)(6/-5)$

a. $-5/7$ c. $15/42$
b. $18/35$ d. $-5/14$

Part 2

Calculators are allowed for this section. You can also now change answers from part 1 if necessary.

1. Evaluate. Write each answer as a fraction in simplest terms. *Show your work.* **(4)**

   a) -1/2 + 1/2

   c) 5/6 - (-1/3)

   b) -3/8 - 4/5

   d) 1 ⅙ + (-11/2)

2. Evaluate. Write each answer as a fraction in simplest terms. *Show your work.* **(4)**

   a) -7/4 x 5/6

   c) (-3/13) ÷ (-7/2)

   b) -4 ⅖ x 3/4

   d) (-1/9) x (-1/9)

3. Evaluate. Write each answer as a fraction in simplest terms. *Show your work.* **(4)**

a) 4 ⅓ + (-1/3)(-4/9)

b) (-4/5)(3/8) - (-3/4 ÷ 13/6)(-7/5)