Find the Rational Numbers and Express in its Standard Form

1. If x and y are rational numbers, $x<y$ then $\dfrac{x+y}{2}$ is a rational number

    a) between x and y

    b) less than x and y

    c) greater than x and y

    d) less than x but greater than y

2. 5 rational numbers between $\dfrac{-3}{2}$ and $\dfrac{3}{2}$ are

    a) $\dfrac{-1}{2}$, 0, 1, $\dfrac{1}{2}$, $\dfrac{3}{2}$

    b) -1, $\dfrac{-1}{2}$, 0, $\dfrac{1}{2}$, 1

    c) $\dfrac{-3}{2}$, $\dfrac{-1}{2}$, -1, 0, $\dfrac{3}{2}$

    d) $\dfrac{-3}{2}$, 0, 1, $\dfrac{1}{2}$, $\dfrac{3}{2}$

3. Find any 3 rational numbers between 1 and 2

    a) $\dfrac{-1}{2}$, $\dfrac{0}{2}$, $\dfrac{3}{2}$

    b) $\dfrac{9}{9}$, $\dfrac{1}{-9}$, $\dfrac{18}{9}$

    c) $\dfrac{11}{10}$, $\dfrac{15}{10}$, $\dfrac{19}{10}$

    d) $\dfrac{-3}{5}$, $\dfrac{1}{5}$, $\dfrac{13}{5}$

4. A rational number between $\dfrac{1}{12}$ and $\dfrac{1}{4}$

  a) $\dfrac{1}{-6}$ b) $\dfrac{1}{6}$ c) $\dfrac{1}{2}$ d) $\dfrac{1}{3}$

5. A rational number between $\dfrac{-2}{3}$ and $\dfrac{1}{4}$

  a) $\dfrac{5}{12}$ b) $\dfrac{-5}{12}$ c) $\dfrac{5}{24}$ d) $\dfrac{-5}{24}$

6. Find the greatest rational number among, $\dfrac{-3}{4}$, $\dfrac{-8}{12}$, and $\dfrac{-5}{6}$

  a) $\dfrac{-3}{12}$ b) $\dfrac{-8}{12}$ c) $\dfrac{-5}{6}$ d) $\dfrac{-3}{4}$

7. Express the rational number $\dfrac{33}{-55}$ in its standard form

  a) $\dfrac{11}{-55}$ b) $\dfrac{33}{55}$ c) $\dfrac{-3}{5}$ d) $\dfrac{-33}{11}$

8. Express the rational number $\dfrac{125}{-75}$ in its standard form

  a) $\dfrac{125}{75}$ b) $\dfrac{5}{3}$ c) $\dfrac{-5}{3}$ d) $\dfrac{-25}{3}$

9. Which of the given rational number is in its standard form

  a) $\dfrac{11}{-55}$ b) $\dfrac{28}{-105}$ c) $\dfrac{-9}{16}$ d) $\dfrac{-12}{26}$

10. Express these rational numbers in its standard form

  a) $\dfrac{14}{-49}$ =   --------

  b) $\dfrac{24}{-64}$ =   --------

  c) $\dfrac{-35}{25}$ =   -------