

PRACTICE: Conversions and Comparisons of Fractions and Decimals (Math 7 Plus – Unit 4)

- Convert each fraction to a decimal. Use the repeating bar for repeating decimals.

1) $\frac{1}{2}$

2) $\frac{3}{5}$

3) $\frac{5}{8}$

4) $3\frac{4}{5}$

5) $-1\frac{1}{3}$

6) $\frac{2}{3}$

7) $\frac{7}{9}$

8) $\frac{4}{11}$

9) $3\frac{2}{9}$

10) $\frac{1}{6}$

- Convert decimals to fractions.

11) 0.75

12) 0.25

13) 0.7

14) 0.008

15) 3.27

16) -2.35

17) 0.222222222...

18) 0.12121212121212...

19) 6.14141414141414141414

- Compare: Put in order from least to greatest. Use original numbers in final answer.

20) 0.92, 0.856, 0.003, 0.2

21) $\frac{2}{3}, \frac{3}{4}, \frac{1}{2}, \frac{5}{12}$

22) $\frac{1}{3}, 0.33, \frac{2}{3}, 1.1$