Rational Numbers as Decimals #1

You can write any rational number as a decimal using long division. Remember that the decimal form of a rational number will either terminate or repeat. Try it! Write each rational number as a decimal using long division. Write repeating decimals with a bar over any digits that repeat.

1 $\dfrac{5}{6} =$ _**0.83̄**_

2 $\dfrac{1}{8} =$ _**0.125**_

3 $-\dfrac{5}{9} =$ _**−0.5̄**_

4 $-\dfrac{17}{4} =$ _**−4.25**_

5 $-\dfrac{6}{15} =$ _**−0.4**_

6 $7\dfrac{5}{12} =$ _**7.416̄**_

7 $\dfrac{53}{8} =$ _**6.625**_

8 $\dfrac{17}{11} =$ _**1.5̄4̄**_

9 $6\dfrac{13}{20} =$ _**6.65**_

10 $\dfrac{19}{15} =$ _**1.26̄**_

11 $\dfrac{115}{30} =$ _**3.83̄**_

12 $-\dfrac{3}{22} =$ _**−0.13̄6̄**_

13 $-\dfrac{83}{40} =$ _**−2.075**_

14 $-2\dfrac{8}{33} =$ _**−2.2̄4̄**_

15 $-4\dfrac{7}{60} =$ _**−4.116̄**_