

## Decimals to Fractions and Vice Versa

Write the following decimals as fractions in lowest terms. Do not use a calculator and you must show your work.

1. 5.25

2. 0.333333333

3.  $2.\bar{6}$

4. 3.151515152

5. 0.92

6. 2.416666667

Write the following fractions or mixed numbers as decimals. Do not use a calculator and you must show your work.

7.  $\frac{7}{9}$

8.  $4\frac{3}{8}$

9.  $\frac{5}{6}$

10.  $\frac{8}{3}$

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### Mixed Review

List the following in order form least to greatest.

1.  $\sqrt{\frac{1}{25}}, \frac{1}{4}, 0.\bar{2}$

2.  $\sqrt{99}, \pi^2, 9.\bar{8}$

3.  $\sqrt{8}, -3.75, 3, \frac{9}{4}$

4.  $\sqrt{60}, \frac{58}{8}, 7.\bar{3}, 7\frac{3}{5}$

5.  $\sqrt{5}, \frac{5}{2}, \sqrt{3}, \frac{\sqrt{16}}{2}, \pi$

6.  $\pi^2, 10, \sqrt{75}, \frac{\sqrt{144}}{2}, -12.5$