Converting Decimals to Fractions

A) Convert the following decimals to fractions.

1) $0.7 = \dfrac{7}{10}$

2) $3.48 = 3\dfrac{48}{100}$ or $3\dfrac{12}{25}$

3) $5.26 = 5\dfrac{26}{100}$ or $5\dfrac{13}{50}$

4) $0.15 = \dfrac{15}{100}$ or $\dfrac{3}{20}$

5) $0.4 = \dfrac{4}{10}$ or $\dfrac{2}{5}$

6) $0.9 = \dfrac{9}{10}$

7) $4.12 = 4\dfrac{12}{100}$ or $4\dfrac{3}{25}$

8) $0.54 = \dfrac{54}{100}$ or $\dfrac{27}{50}$

B) 1) Which of the following is equivalent to 0.18?

a) $\dfrac{2}{7}$

b) $\dfrac{18}{50}$

c) $\dfrac{81}{100}$

d) $\dfrac{9}{50}$ ✓

2) What fraction is equivalent to the decimal 1.5?

a) $1\dfrac{2}{5}$

b) $1\dfrac{1}{2}$ ✓

c) $1\dfrac{3}{4}$

d) $1\dfrac{3}{5}$

3) Which of the following is equivalent to 6.35?

a) $6\dfrac{7}{20}$ ✓

b) $6\dfrac{3}{100}$

c) $6\dfrac{35}{50}$

d) $6\dfrac{7}{25}$