

SPARK Hybrid Education Center

Mathematics | Lower Level | Week 4

Decimals - Place Value, Operations & Fraction Conversion

Name: _____ Date: _____ Period: _____

Practice Problems

1. Convert to decimal: $\frac{7}{8}$, $\frac{5}{6}$ (round to 3 places), $\frac{2}{25}$
2. Convert to simplest fraction: 0.6, 0.125, 0.36
3. Round 7.3456 to: nearest tenth, hundredth, thousandth
4. Add: $3.45 + 12.008 + 0.97$
5. Subtract: $10.2 - 3.867$
6. Multiply: 6.4×2.5
7. Divide: $8.4 \div 0.07$
8. A bag of apples weighs 2.75 kg. You use 0.4 kg. How much is left?
9. Order least to greatest: 0.5, $\frac{3}{8}$, $\frac{2}{5}$, 0.45
10. CHALLENGE: $\frac{3}{4} + 0.375 - \frac{1}{8}$. Give answer as fraction AND decimal.

ANSWER KEY (Teacher Copy - Cut before distributing)

1. 0.875; 0.833; 0.08
2. $\frac{3}{5}$; $\frac{1}{8}$; $\frac{9}{25}$
3. 7.3; 7.35; 7.346
4. 16.428
5. 6.333
6. 16
7. 120
8. 2.35 kg
9. $\frac{3}{8}$, $\frac{2}{5}$, 0.45, 0.5
10. 1 ($= \frac{8}{8} = 1.0$)

