Level 8 Unit 17.1 Four Operations on Fractions and Decimals Part I Name:

Complete 2 pages (page 139 & 140) within 10 minutes with > 95% accuracy.

Time Taken: Total Score:

1. Simplify the following.

a.
$$7 + 3 \times 4$$

e.
$$\frac{5}{6} - \frac{11}{15} \div 1.2$$

b.
$$7 + 3 \div (8 - 5)$$

f.
$$\frac{1}{6} \times \frac{3}{4} \div 0.5 - \frac{1}{8}$$

c.
$$4 - 1.2 \div 2 \frac{1}{10}$$

g.
$$1 \frac{3}{7} \times (1 \frac{2}{3} \times \frac{1}{5} + 0.75)$$

d.
$$8 \div 3 - 0.25$$

h.
$$2\frac{3}{11} - 4.5 \times \frac{4}{9}$$



Level 8 **Unit 17.2**

Four Operations on Fractions and Decimals Part II

2. Simplify the following.

a.
$$2 - 6 \div 10 \times \frac{1}{3}$$

d.
$$12 \div (0.5 - \frac{1}{5})$$

b.
$$1 \frac{3}{18} \div 1 \frac{1}{6} + \frac{1}{3}$$

b.
$$1 \frac{3}{18} \div 1 \frac{1}{6} + \frac{1}{3}$$
 e. $2.4 \times \frac{3}{4} - \frac{2}{9} \times \frac{3}{4}$

c.
$$5 - \frac{1}{7} \div (1 - \frac{1}{6} \times 1 - \frac{5}{7})$$

c.
$$5 - \frac{1}{7} \div (1 - \frac{1}{6} \times 1 - \frac{5}{7})$$
 f. $2 - \frac{2}{5} \div (\frac{3}{4} - \frac{2}{9}) \times 0.75$