

Monday

6 (notes). Show two ways of fixing this unbalanced equation:

$$7 \times 5 = 35 + 7 = 42$$

a. one step equations

$$7 \times 5 = 35$$

$$35 + 7 = 42$$

b. complex equations

$$7 \times 5 \text{ then add } 7$$

$$(7 \times 5) + 7 = 35 + 7 \\ = 42$$

7. (practice). Show two ways of fixing this unbalanced equation: $3 \times 4 = 12 \div 2 = 6 \times 4 = 24 + 16 = 40$

a. one step equations

$$3 \times 4 = 12$$

$$12 \div 2 = 6$$

$$6 \times 4 = 24$$

$$24 + 16 = 40$$

b. complex equations

$$((3 \times 4) \div 2) \times 4 + 16 =$$

$$((12 \div 2) \times 4) + 16 =$$

$$(6 \times 4) + 16 =$$

$$24 + 16 = 40$$

$$\frac{1}{2} (6 \times 5) = \frac{1}{2} (30) = 15 \times 4 = 60 + 36 = 96$$

$$6 \times 5 = 30$$

$$\frac{1}{2} \cdot 30 = 15$$

$$15 \times 4 = 60$$

$$60 + 36 = 96$$

$$\frac{1}{2} (6 \times 5) \times 4 + 36 = \text{etc.}$$