

Section 2.4 Focus Exercise Answers

1. a) $36 \stackrel{?}{=} 36$ Yes; **Equivalent** b) $30 \stackrel{?}{=} 30$ Yes; **Equivalent**
c) $40 \stackrel{?}{=} 60$ No; **Not equivalent** d) $64 \stackrel{?}{=} 60$ No; **Not equivalent**
e) $180 \stackrel{?}{=} 240$ No; **Not equivalent** f) $162 \stackrel{?}{=} 144$ No; **Not equivalent**
g) $240 \stackrel{?}{=} 240$ Yes; **Equivalent** b) $150 \stackrel{?}{=} 150$ Yes; **Equivalent**
2. a) $x = 4$ b) $c = 6$
c) $x = 9$ d) $p = 2$
e) $x = 4$ f) $x = \frac{2}{9}$
g) $x = 0$ h) $x = 11$
i) $y = -6$ j) $x = 9$
3. a) $x = 4\frac{1}{2}$ b) $p = \frac{4}{5}$
c) $m = 3$ d) $x = 5$
e) $x = \frac{2}{5}$ f) $x = 3\frac{1}{2}$