

**Exercise 33**

**Inequalities** Place the correct symbol ( $<$ ,  $>$ , or  $=$ ) in the space.

(a)  $3 \quad \frac{7}{2}$

(b)  $-3 \quad -\frac{7}{2}$

(c)  $3.5 \quad \frac{7}{2}$ 

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**Solution****Part (a)**

$7/2$  is 3.5, which is larger than 3.

$$3 < \frac{7}{2}$$

**Part (b)**

$-7/2$  is  $-3.5$ , which is smaller than  $-3$ .

$$-3 > -\frac{7}{2}$$

**Part (c)**

$$3.5 = \frac{7}{2}$$