Source:

#source openstax calculus volume 1 section 2.4 exercises

1 | **131**

$$x \le 0 \implies \boxed{\text{infinite}}$$

2 | **132**

$$\boxed{\text{no discontinuities}}$$

3 | **140**

$$\boxed{\text{Infinite discontinuity}} \frac{-1}{0}$$

4 | **141**

$$\boxed{\text{Continuous}} \left(\frac{(2u-1)(3u+2)}{2u-1} \right)$$

5 | **145**

$$3x + 2 = 2x - 3 \implies \boxed{x = -5}$$

6 | **150**

$$\boxed{\text{The function is not continuous at } x = 2}$$