

**RD SHARMA**

**Solutions**

**Class 7 Maths**

**Chapter 1**

**Ex 1.2**

**Q1) Divide:**

**(i) 102 by 17**

**Solution:**

$$\frac{102}{17} = \left| \frac{102}{17} \right| = \frac{102}{17} = 6$$

**(ii) -85 by 5**

**Solution:**

We have,

$$\left| \frac{85}{5} \right| = \frac{-85}{5} = -17$$

**(iii) -161 by -23**

**Solution:**

We have,

$$\left| \frac{-161}{-23} \right| = \frac{161}{23} = 7$$

**(iv) 76 by -19**

**Solution:**

$$\left| \frac{76}{-19} \right| = \frac{76}{-19} = -\frac{76}{19} = -4$$

**(v) 17654 by -17654**

**Solution:**

$$\frac{17654}{-17654} = -\frac{17654}{17654} = -1$$

**(vi) (-729) by (-27)**

**Solution:**

$$\frac{-729}{-27} = +\frac{729}{27} = 27$$

**(vii) 21590 by -10**

**Solution:**

$$\frac{21590}{-10} = -\frac{21590}{10} = 2159$$

**(viii) 0 by -135**

**Solution:**

$$\frac{0}{-135} = 0$$

**Q2) Fill in the blanks:**

**(i)  $296 \div \dots = -148$**

**Solution:**

$$\frac{296}{|-148|} = -\frac{296}{148} = -2$$

**(ii)  $-88 \div \dots = 11$**

**Solution:**

$$\frac{|-88|}{11} = -\frac{88}{11} = -8$$

**(iii)  $84 \div \dots = 12$**

**Solution:**

$$\frac{84}{12} = 7$$

$$(iv) \dots \div -5 = 25$$

**Solution:**

$$\dots \div -5 = 25 \quad 25 \times (-5) = -125$$

$$(v) \dots \div 156 = -2$$

**Solution:**

$$\dots \div 156 = -2 \quad -(156 \times 2) \\ = -312$$

$$(vi) \dots \div 567 = -1$$

**Solution:**

$$\frac{x}{567} = -1 \Rightarrow x = -(567 \times 1) \\ = -567$$

$$\therefore \frac{-567}{567} = 1$$

**Q3) Which of the following statements are true?**

$$(i) 0 \div 4 = 0$$

$$(ii) 0 \div (-7) = 0$$

$$(iii) -15 \div 0 = 0$$

$$(iv) 0 \div 0 = 0$$

$$(v) (-8) \div (-1) = -8$$

$$(vi) -8 \div (-2) = 4$$

**Solution:**

(i) True

(ii) True

(iii) False

(iv) False

(v) False

(vi) True