

Exercise 6 (B)

Q.37 Estimate the following by rounding off the multiplicand and the ~~div~~dividend to the nearest 1,000:

a) $7,603 \times 2$

Ans. Rounding off 7,603 to the nearest 1,000, we get 8,000

$$8,000 \times 2 = 16,000$$

So, the estimated product is 16,000

b) $6,945 \times 8$

Ans. Rounding off 6,945 to the nearest 1,000, we get 7,000

$$7,000 \times 8 = 56,000$$

So, the estimated product is 56,000

c) $41,750 \div 3$

Ans. Rounding off ~~41,750~~ 41,750 to the nearest 1,000, we get 42,000

$$42,000 \div 3 = 14,000$$

So, the estimated ~~product~~ product is 14,000
quotient

d) $5,668 \times 11$

Ans. ~~Rounding~~ Rounding off 5,668 to the nearest 1,000, we get 6,000

$$6000 \times 11 = 66,000$$

So, the estimated product is 66,000.

e) $27,259 \div 9$

Ans. Rounding off 27,259 to the nearest 1,000, we get 27,000

$$27,000 \div 9 = 3,000$$

So, the estimated quotient is 3,000

f) $89,666 \div 15$

Ans. Rounding off 89,666 to the nearest 1,000, we get 90,000

$$90,000 \div 15 = 6,000$$

So, the estimated quotient is 6,000

Q.47 Round off the following as instructed:

a) To the nearest rupee.

Rs. 320.50 p

Rs. 68.25 p

Rs. 321

Rs. 68

Rs. 32.80 p

Rs. 3.70 p

Rs. 33

Rs. 4

Rs. 8.96 p

Rs. 9

b) To the nearest hour.

6:10 a.m.

8:30 a.m.

2:45 p.m.

6 a.m.

9 a.m.

3 p.m.

c) To the nearest year

10 years 10 months

5 years 3 months

11 years

5 years

24 years 6 months

15 years 9 months

25 years

16 years