

CBSE SOLUTIONS FOR CLASS 6

Chapter 2: Whole Numbers

Exercise 2.2 Download PDF

EXERCISE 2.2

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1. Find the sum by suitable rearrangement:

(a) $837 + 208 + 363$

(b) $1962 + 453 + 1538 + 647$

Solutions:

(a) Given $837 + 208 + 363$
 $= (837 + 363) + 208$
 $= 1200 + 208$
 $= 1408$

(b) Given $1962 + 453 + 1538 + 647$
 $= (1962 + 1538) + (453 + 647)$
 $= 3500 + 1100$
 $= 4600$

2. Find the product by suitable rearrangement:

(a) $2 \times 1768 \times 50$

(b) $4 \times 166 \times 25$

(c) $8 \times 291 \times 125$

(d) $625 \times 279 \times 16$

(e) $285 \times 5 \times 60$

(f) $125 \times 40 \times 8 \times 25$

Solutions:

(a) Given $2 \times 1768 \times 50$
 $= 2 \times 50 \times 1768$
 $= 100 \times 1768$
 $= 176800$

(b) Given $4 \times 166 \times 25$
 $= 4 \times 25 \times 166$
 $= 100 \times 166$
 $= 16600$

(c) Given $8 \times 291 \times 125$
 $= 8 \times 125 \times 291$
 $= 1000 \times 291$
 $= 291000$

(d) Given $625 \times 279 \times 16$
 $= 625 \times 16 \times 279$
 $= 10000 \times 279$
 $= 2790000$

(e) Given $285 \times 5 \times 60$

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