



1. Write down the answers to each of the following :-

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|-------------------|-------------------|-----------------------------------|-----------------------------------|
| (a) $7 + 5$ | (b) $3 - 4$ | (c) $(-2) + 3$ | (d) $-1 + 4$ |
| (e) $(-5) + 7$ | (f) $(-11) + 5$ | (g) $3 + (-4)$ | (h) $7 + (-8)$ |
| (i) $15 + (-12)$ | (j) $11 + (-3)$ | (k) $(-14) + 7$ | (l) $(-1) + (-1)$ |
| (m) $3 - 5$ | (n) $4 - 9$ | (o) $(-3) - 6$ | (p) $(-12) - 5$ |
| (q) $(-10) - 3$ | (r) $(-7) - 7$ | (s) $(-3 \cdot 2) + 1 \cdot 6$ | (t) $5 \cdot 7 + (-8 \cdot 8)$ |
| (u) $(-3) + (-2)$ | (v) $(-4) + (-7)$ | (w) $(-3 \cdot 1) + (-6 \cdot 7)$ | (x) $(-7 \cdot 8) + (-6 \cdot 8)$ |

2. Find :-

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|------------------|------------------|---------------------------------|---------------------------------|
| (a) $2 - (-3)$ | (b) $4 - (-5)$ | (c) $7 - (-7)$ | (d) $14 - (-8)$ |
| (e) $-1 - (-2)$ | (f) $-3 - (-7)$ | (g) $-5 - (-16)$ | (h) $-17 - (-18)$ |
| (i) $-3 - (-48)$ | (j) $-7 - (-25)$ | (k) $-1 \cdot 7 - (-2 \cdot 6)$ | (l) $-3 \cdot 8 - (-7 \cdot 7)$ |

3. Simplify :-

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|------------------------|---------------------------------------|---------------------------|
| (a) $21 + 13 - 11$ | (b) $-4 - 5 + 2$ | (c) $-8 - (-9) - 3$ |
| (d) $3j - 2j - j$ | (e) $-4 + 4 - 4$ | (f) $-5 + (-5) + 1$ |
| (g) $-15 - 7 + (-24)$ | (h) $-7x + (-3x) + 9x$ | (i) $17 + (-12) - 5$ |
| (j) $3e - (-e) + (5e)$ | (k) $1 \cdot 7 - (-3 \cdot 4) + (-2)$ | (l) $11h - (-5h) - (-6h)$ |

4. (a) Isa has £42 in her bank account. She withdraws £60. What will her balance be ?
 (b) Billy has a balance of (-£44). He withdraws £28. How much is Billy now overdrawn ?
 (c) Carol has a balance of (-£123). She deposits £65.
 How much will she now have to deposit to clear her overdraft ?

5. (a) Jamus III was born in 12 B.C. and died in 33 A.D.
 How old was Jamus III when he died ?
 (b) Emperor Hirto-Sito died at the age of sixty seven in 45 A.D.
 What year was he born ?



6. The afternoon temperature on a mountain top is recorded at 4°C .
 The temperature drops by 16°C at night.
 What is the night-time temperature ?

7. A liquid is at a temperature of 25°C . Its freezing point is -18°C .
 How many degrees will the temperature have to drop to freeze the liquid ?