

A. Knowledge:

Learn all the square numbers from 1×1 up to 15×15

B. Application:**B1. Preference of operations.**

(a) $12 + 3 \times 5 - 2 = 25$

(c) $90 \div 15 + 30 = 36$

(e) $24 + 16 \div 4 \times 12 + 10 = 82$

(g) $100 - 12 \times 6 + 3 \div 3 = 29$

(i) $\frac{3}{4} \text{ van } 60 \div 9 = 5$

(k) $2\,000 + 100 \times 3 \div 2 = 2\,150$

(b) $36 - 6 \times 2 \div 4 = 33$

(d) $32 - 2 \times 2 \times 2 = 24$

(f) $25 \div 5 \times 8 + 20 = 60$

(h) $42 + 7 \times 2 + (2 \times 3) = 62$

(j) $50 \times (42 \div 7) + 20 = 320$

(l) $\frac{2}{6} \text{ van } (12 \times 6 \div 2) = 12$

B2. Use the associative law to write down the correct answer. (Regrouping)

ASSOCIATIVE LAW: $a \times b \times c \times d = b \times c \times d \times a$ (Regrouping)

(a) $3 \times 4 \times 5 \times 2 = 120$

(c) $7 \times 3 \times 2 \times 2 = 84$

(e) $24 + 16 + 7 + 9 + 15 + 5 = 76$

(g) $12 \times 4 \times 4 \times 2 = 384$

(i) $6 \times 4 \times 2 \times 8 = 384$

(b) $4 + 7 + 3 + 8 + 9 + 16 = 47$

(d) $2 \times 4 \times 3 \times 2 = 48$

(f) $25 \times 4 \times 8 \times 2 = 1\,600$

(h) $36 \times 10 \times 2 \times 2 = 1\,440$

(j) $2 \times 5 \times 2 \times 10 = 200$

C. REASONING:

(a) Determine the value of 'x', so that the number can be divided by 3 without a remainder.

4 5x3 (There can be more than one answer.) **0; 3; 6; 9**

(b) Determine the value of 'x', so that the number can be divided by 4 without a remainder.

4 6x2 (There can be more than one answer.) **1; 3; 5; 7**

(c) Determine the value of 'x', so that the number can be divided by 6 without a remainder.

2 461x (There are can be more than one answer.) **2; 8;**