

(1) Complete:

(a) The uneven composite numbers smaller than 20.

Composite numbers smaller than 20: 4; 6; 8; 9; 10; 12; 14;
15; 16; 18 $\Rightarrow$ Uneven $\Rightarrow$ 9; 15

(b) The even factors of 36.

$F_{36} = \{1; 2; 3; 4; 6; 9; 12; 18; 36\}$
Even factors $\Rightarrow$ 2; 4; 6; 12; 18; 36

(c) Die first three natural numbers, just smaller than 3 001.

2 998; 2 999; 3 000

(2) Choose the correct answer for the following statements:

(a) $28 - 8 \times 2 + 1 = \dots$

$$= 28 - 16 + 1 = 12 + 1 = 13$$

A. 41

B. 13

C. 60

D. 22

(b) 5 ten thousands + 2 thousands + 5 tens = ...

$$= 5 \times 10\,000 + 2\,000 + 5 \times 10$$

$$= 50\,000 + 2\,000 + 50 = 52\,050$$

A. 525

B. 5 025

C. 52 050

D. 5 250

(c) The prime factors of 15 is.....

$$\begin{array}{r|l} 3 & 15 \\ 5 & 5 \\ & 1 \end{array}$$

A. 1; 3; 5; 15

B. 1; 3; 5

C. 3; 5

D. 3; 5; 15

(3) Write down the correct answer: (Without using a calculator!)

(a) $800\,000 \times 80$

$= 64\,000\,000$

(b) $720 \div 90$

$= \frac{720}{90}$

$= 8$

(c) $43\,450 \times 0 \div 100$

$= 0 \div 100$

$= 0$

(d) $1 \times 16 \times 1\,000 \div 20$

$= 16\,000 \div 20$

$= \frac{16\,000}{20} = 800$

(4) Are the following statements true or false?

(a) 3 499 rounded off to the nearest 100 is equal to 4 000.

False $3499 \approx 3500$ (rounded off to the nearest 100)

(b) 65 788 (rounded off to the nearest 5) $\approx$ 65 790

True

(c) 83 (rounded off to the nearest 10) $\approx$ 80 $\approx$ 78 (rounded off to the nearest 5)

True

(5) Fill in: $<$; $=$ or $>$

(a) 64×100 $\boxed{=}$ 80×80
 $6\,400$ $6\,400$

(b) $240\,000 \div 100$ $\boxed{<}$ $240 \times 1\,000$
 $2\,400$ $240\,000$

(c) $18 + 3 \times 2$ $\boxed{<}$ $15 + 3 + 7$
 $= 18 + 6$ $= 18 + 7$
 $= 24$ $= 25$

(d) $7 \times 3 - 3 \times 0$ $\boxed{>}$ $23 \times 1 \times 0 \times 18$
 $= 21 - 0$ $= 0$
 $= 21$