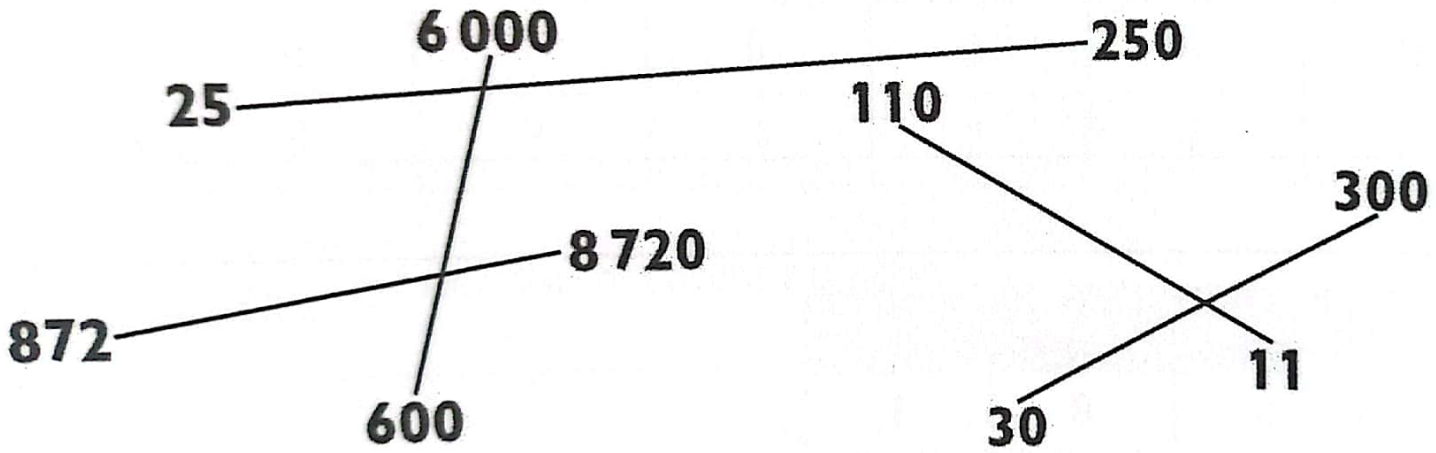
## Answers

1)




(2) When a number is multiplied by 10 all the digits become ten times bigger. ✓

When a number is multiplied by 100 you add two zeros at the end. ✗

When a number is multiplied by 10 you just need to put a zero on the end of the number. ✗

...tiplied by 100 you move the digits two place...

**(3)**

| Original number | × 10 | × 100 |
|---|---|---|
| 32 | 320 | 3200 |
| 254 | 2540 | 25400 |
| 836 | 8360 | 83600 |
| 763 | 7630 | 76300 |
| 672 | 6720 | 67200 |
| 250 | 2500 | 25000 |

**(4)** **(a)** $240 \times 10 = \underline{2400}$ **(b)** $557 \times 100 = \underline{55700}$ **(c)** $\underline{389} \times 10 = 3890$

**(d)** $34022 \times \underline{100} = 3402200$ **(e)** $\underline{78020} \times 100 = 7802000$ **(f)** $63300 \times \underline{10} = 633000$

**(g)** $\underline{37879} \times 100 = 3787900$ **(h)** $3798820 \times 10 = \underline{37988200}$

**(5)** **(a)** $478 \times 10 = 4780$ ☑

**(b)** $6833 \times 100 = 683300$ ☑

**(c)** $7020 \times 10 = 7020$ ☒

**(d)** $56798 \times 100 = 5679800$ ☑

**(e)** $3000 \times 100 = 30000$ ☒

**(f)** $7982 \times 10 = 79820$ ☑

**(g)** $8920300 \times 100 = 8920300$ ☒

**(h)** $9274 \times 10 = 927400$ ☒

27

(5) (a) $21 + 18 + 9 =$ 48

$21 + 18 + 9$
$= 30 + 18$
$= 48$

(b) $35 + 16 + 5 =$ 56

$35 + 16 + 5$
$= 40 + 16$
$= 56$

(c) $4 + 28 + 16 =$ 48

$4 + 28 + 16$
$= 20 + 28$
$= 48$

(d) $1 + 25 + 19 =$ 45

$1 + 25 + 19$
$= 20 + 25$
$= 45$

(e) $7 + 33 + 13 =$ 53

$7 + 33 + 13$
$= 40 + 13$
$= 53$

(f) $42 + 18 + 37 =$ 97

$42 + 18 + 37$
$= 60 + 37$
$= 97$

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(6) (a) $11 + 18 + 9 + 11 =$ 49

$11 + 18 + 9 + 11$
$= 20 + 18 + 11$
$= 38 + 11$
$= 49$

(b) $15 + 16 + 25 + 4 =$ 60

$15 + 16 + 25 + 4$
$= 40 + 16 + 4$
$= 40 + 20$
$= 60$

(c) $14 + 12 + 15 + 6 =$ 47

$14 + 12 + 15 + 6$
$= 20 + 12 + 15$
$= 32 + 15$
$= 47$

(d) $27 + 13 + 19 + 11 =$ 70

$27 + 13 + 19 + 11$
$= 40 + 19 + 11$
$= 40 + 30$
$= 70$

**(e)** 24 + 10 + 26 + 13 = 73

24 + 10 + 26 + 13
= 50 + 10 + 13
= 60 + 13
= 73

**(f)** 19 + 9 + 21 + 8 = 57

19 + 9 + 21 + 8
= 40 + 9 + 8
= 49 + 8
= 57

(4) (a) 468 + 19 = 487 (b) 34 − 19 = 15 (c) 473 − 98 = 375
(d) 388 + 8 = 396 (e) 66 − 9 = 57 (f) 748 + 299 = 1 047
(g) 46 + 39 = 85 (h) 478 − 27 = 451 (i) 740 + 99 = 839
(j) 34 + 9 = 43 (k) 276 − 79 = 197 (l) 738 − 47 = 691

(5) (a) 462 − 19 = 443 (b) 78 + 9 = 87 (c) 582 + 19 = 601
(d) 47 − 18 = 29 (e) 572 − 37 = 535 (f) 893 + 99 = 992
(g) 47 + 88 = 135 (h) 33 + 109 = 142 (i) 199 + 199 = 398
(j) 68 + 299 = 367 (k) 36 − 9 = 27 (l) 382 − 18 = 364

| | |
|---|---|
| 73 | **(2)** **(a)** 4, 8, 16, 20 **(b)** 7, 14, 28, 35 **(c)** 3, 6, 12, 18, 21 **(d)** 9, 18, 27, 36, 45 |