1 Use place value counters to solve the calculations.
a) $3.2 \times 3=9.6$

b) $4.6 \times 2=9.2$

(2)
$12.2 \times 3=36.6$

| Tens | Ones | Tenths |
| :--- | :--- | :--- |
| 0 | 00 | 00 |
| 0 | 00 | 00 |
| 0 | 00 | 00 |

Nijah uses long multiplication to solve $3.72 \times 3$

|  |  |  |  |
| ---: | ---: | ---: | ---: | ---: |
|  | $3 \cdot 7$ | 2 |  |
| $\times$ |  | 3 |  |
|  | 0.0 | 6 |  |
|  | $2 \cdot 1$ | 0 |  |
|  | $9 \cdot 0$ | 0 |  |
| 1 | $1 \cdot 1$ | 6 |  |
|  |  |  |  |

Use long multiplication to work out the calculations.

- a)

b)

(4) Work out the multiplications.
a) $5.2 \times 4=20.8$
d)
7.02
b) $14.3 \times 3=42.9$
e) $11.505 \times 4=46.02$
c) $6 \times 9.1=54.6$
f) $9.602 \times 6=$
57.612
0.25 kg of flour is needed to make one cake. How much flour is needed to make four cakes?



## 1 kg

6 Work out the multiplications
a) $7.2 \times 2=14 \cdot 4$
$7.2 \times 4=28.8$
$14.4 \times 4=57 \cdot 6$
$7.2 \times 8=57.6$
b)


Amir is solving $3.4 \times 4$


Do you agree with Amir? NO
Explain why.
34 is ten timen bigger than 3.4 so he should
have divided by 10 to gets 13.6
8 Use the digits 1,2,3 and 4 once each to create a calculation..

a) How many different products can you make?
Various answes
b) What is the greatest possible product?
c) What is the smallest possible product?
d) What is the product closest to 12?

## Compare answers with a partner.

