Class 4 are multiplying $28 \times 4$ mentally.
They are trying two different methods.
a) Complete their calculations.

## 



Method 2

2. Mo, Amir and Annie worked out $35 \times 6$ in 3 different ways.

a) Work out the answer using each method to show that they are all correct.


Annie

$$
\begin{gathered}
5 \times 6=30 \\
30 \times 7=210
\end{gathered}
$$

b) Who has used the most efficient method? Talk about it with a partner.
(3)

Scott is working out $21 \times 4$

## 

$$
\begin{aligned}
& 20 \times 4=80 \\
& 80-4=76 \\
& 21 \times 4=76
\end{aligned}
$$

a) What mistake has Scott made?

He has taken 4 he should hove added it.
b) What is the correct answer?
4. Jack works out $36 \times 9$


Adapt Jack's method to work out $36 \times 99$

Esther has found a quick way to multiply 84 by 5

```
84\times5
84\times10=840
(then divide by 2) which is 420
```

Use Esther's method to complete the calculations.

$$
43 \times 5=215
$$

$$
74 \times 5=370
$$

$$
62 \times 5=310
$$

(6) Tommy and Dora are both working out $25 \times 8$

a) Use Tommy's method to work out the answer.

b) Use Dora's method to work out the answer.
c) Whose method do you prefer? Why?

```
Vanous answers
```

d) Do you know another method?

