## What's Best?

## You need

## Activity One

Ashleigh's class has been exploring multiplication strategies. Her group

(2.) Which way do you think is best to work out $4 \times 18$ ? Explain why.
(3.) Think about how the strategies used by Ashleigh's group would work for $9 \times 24$. Why do some of the strategies still work well but others don't?
Discuss this with your classmate.
a. Use at least two methods to work out:
i. $8 \times 26$
ii. $49 \times 7$
b. Explain to a classmate why you chose those strategies.
a. Now work out these problems, using the strategy you think is best:
i. $\quad 500 \times 8$
ii. $19 \times 25$
iii. $27 \times 3$
b. Show how each strategy you used works and explain why you think it's the best.
Discuss your strategies with your classmate.


## Activity Two

(1.) Write two multiplication problems that can be best solved using a tidy number strategy.
(2.) Write two multiplication problems that can be best solved using a doubling strategy.
(3. Write two multiplication problems that can be best solved using a place value strategy.
What's the same about the problems that are best solved by:
a. tidy numbers?
b. doubling and halving?

Give your problems to a classmate to solve. Ask them to use the best strategy to solve each problem. Ask them why they think the strategies they chose are the best ones.

