

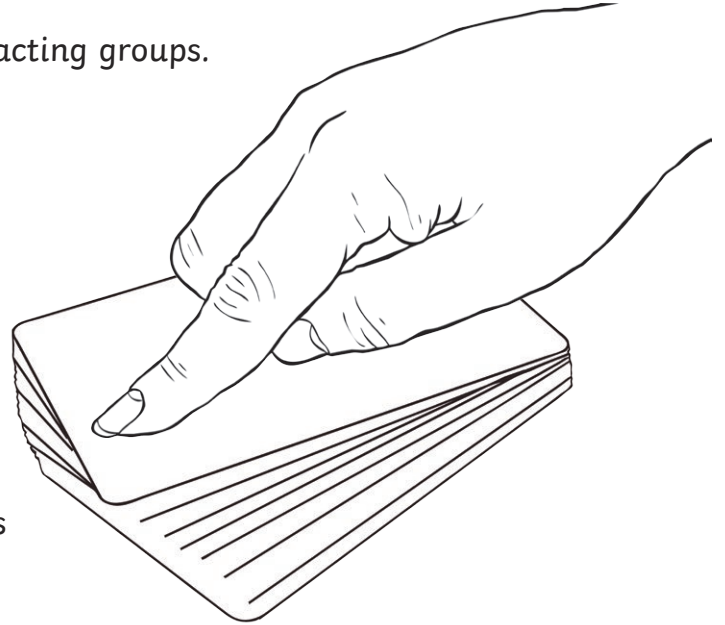


# Build It

I can use known facts to multiply and divide mentally.



- 1) Cut out these cards and sort them into four piles according to the strategy you would use to solve them.
  - a) Multiplying by 10 and adding or subtracting groups.
  - b) Multiplying by 10 and halving.
  - c) Multiplying by 100 and halving.
  - d) Using factors, e.g. multiply by 8 by multiplying by  $2 \times 2 \times 2$ .
- 2) Show your piles to a partner. Did they sort the cards in the same way?
- 3) Use the strategies to work out the answers and write them on the cards.
- 4) Use a written method or a calculator to check your work. If you made a mistake, find out where you went wrong and put it right.



$$104 \div 4$$

$$63 \times 4$$

$$53 \times 9$$

$$73 \times 50$$

$$11 \times 52$$

$$848 \div 4$$

$$16 \times 6$$

$$65 \times 50$$

$$9 \times 85$$

$$75 \times 11$$

$$842 \times 5$$

$$74 \times 4$$



# Build It Answers

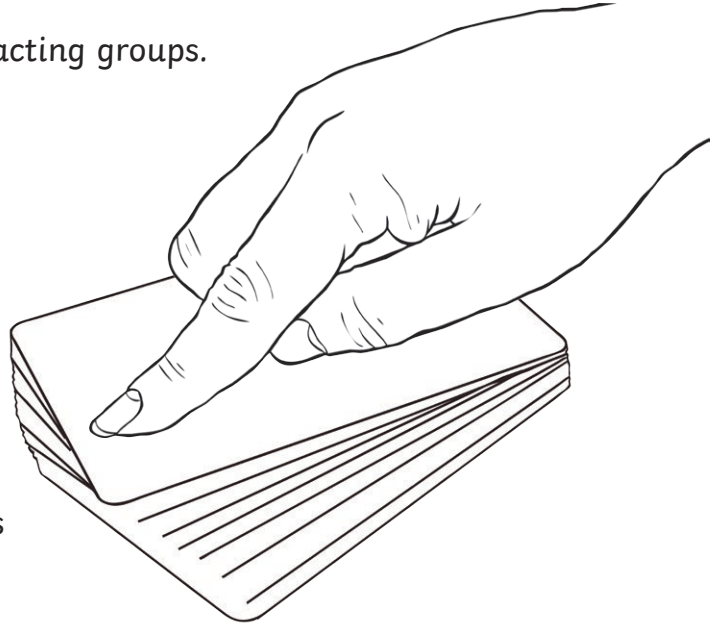
Question	Answer
3.	Use the strategies to work out the answers and write them on the cards.
	$16 \times 6 = 96$
	$65 \times 50 = 3250$
	$9 \times 85 = 765$
	$75 \times 11 = 825$
	$842 \times 5 = 4210$
	$74 \times 4 = 296$
	$104 \div 4 = 26$
	$63 \times 4 = 252$
	$53 \times 9 = 477$
	$73 \times 50 = 3650$
	$11 \times 52 = 572$
	$848 \div 4 = 212$

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$$484 \div 4$$

$$635 \times 4$$

$$538 \times 9$$

$$77 \times 50$$

$$11 \times 528$$

$$648 \div 4$$

$$165 \times 6$$

$$67 \times 50$$

$$9 \times 88$$

$$753 \times 11$$

$$852 \times 5$$

$$744 \times 4$$



# Build It Answers

Question	Answer
3.	Use the strategies to work out the answers and write them on the cards.
	$165 \times 6 = 990$
	$67 \times 50 = 3350$
	$9 \times 88 = 792$
	$753 \times 11 = 8283$
	$852 \times 5 = 4260$
	$744 \times 4 = 2976$
	$484 \div 4 = 121$
	$635 \times 4 = 2540$
	$538 \times 9 = 4842$
	$77 \times 50 = 3850$
	$11 \times 528 = 5808$
	$648 \div 4 = 162$

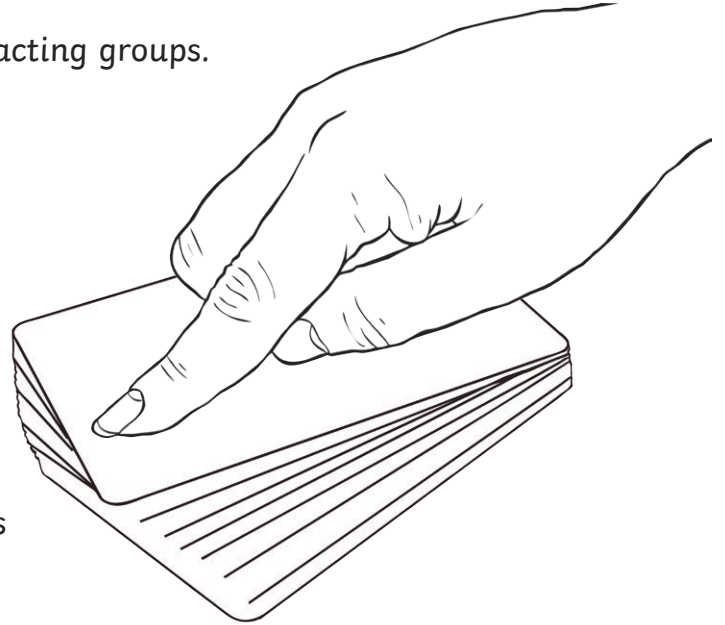


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$$484 \div 4$$

$$6305 \times 4$$

$$5038 \times 9$$

$$777 \times 50$$

$$11 \times 5280$$

$$6488 \div 4$$

$$167 \times 6$$

$$674 \times 50$$

$$9 \times 889$$

$$753 \times 11$$

$$852 \times 5$$

$$748 \times 4$$



# Build It Answers

Question	Answer
3.	Use the strategies to work out the answers and write them on the cards.
	$167 \times 6 = 1002$
	$674 \times 50 = 33\,700$
	$9 \times 889 = 8001$
	$753 \times 11 = 8283$
	$852 \times 5 = 4260$
	$748 \times 4 = 2992$
	$484 \div 4 = 121$
	$6305 \times 4 = 25\,220$
	$5038 \times 9 = 45\,342$
	$777 \times 50 = 38\,850$
	$11 \times 5280 = 58\,080$
	$6488 \div 4 = 1622$