Itiplication HTO x TO using partitioning

 $2 a 7 \times 8$

b 70 × 8

c 70 × 80

d 700 × 8

e 700 × 80

 8×9

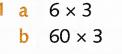
 80×9

c 80 × 90

d 8 × 900 e 80 × 900

se partitioning to calculate HTO \times TO

imate	and	check	the	answer	to	a	calculation	1
				_	_			



 60×30 600×3

 600×30

 4×7 4×70

 40×70

 4×700

 40×700

 9×7

 9×70

 90×700

 90×70

9 × 700

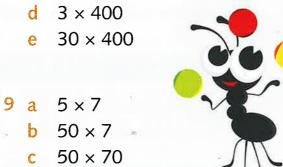
 80×6 c 80 × 60

8 a 8 × 6

d 8 × 600

e 80 × 600





Example

 $= (200 \times 38) + (60 \times 38) + (3 \times 38)$

 $263 \times 38 \rightarrow 300 \times 40 = 12000$

= 7600 + 2280 + 114

1 Estimate the answer first, then partition each of these calculations to work out the answer.

428×35 246×52

561 × 73 246×39

 485×69

 378×46

= 9994

 $3 a 9 \times 6$

 $6 a 3 \times 4$

b 3 × 40

 $c 30 \times 40$

d 500 × 7

 500×70

b 90 × 6

c 90 × 60

d 900 × 6

e 900 × 60

 138×43

 284×57

h 714 × 38

 385×27 539×64 656×31

2 Find the answers to these problems.

- a The school playground has a length of 328 m and a width of 78 m. What is the area?
- b A basketball court has a perimeter of 86 m. If one of the sides is 28 m in length, what is the area of the basketball court?



For each question, use each of the 5 number cards once. Make a calculation that gives an answer as close as possible to the answer shown.

