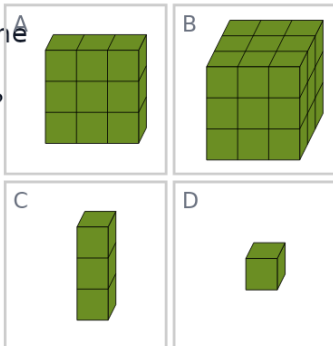
**Write expressions for repeated operations**

- 1** What picture shows the meaning of this exponent expression?

$$3^3$$



- 2** Find the simplified form of this number raised to its exponent

$$10$$

A 11^3	B 14^4	C 11^2
D 1^{10}	E 10^1	F 10^2

- 3** Find the expanded form of this number raised to its exponent

$$9^4$$

A $4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$	B 9×9
C $9 \times 9 \times 9$	D $9 \times 9 \times 9 \times 9$
E $9 \times 9 \times 9 \times 9 \times 9 \times 9$	F $9 \times 9 \times 9 \times 9 \times 9$

- 4** What equation is the equivalent of this exponent expression?

$$9^1$$

A $9 \times 9 \times 9$	B 9×9
C 9	D 1
E $\frac{1}{9}$	F $1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1$

**Write expressions for repeated operations****5**

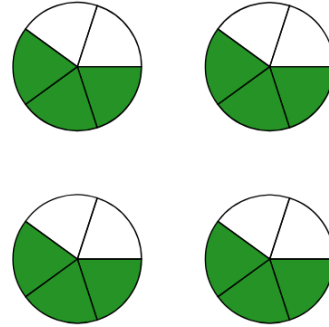
Find the simplified form of this number raised to its exponent

$$2 \times 2 \times 2 \times 2 \times 2$$

A	2^5	B	6^8
C	2^4	D	2^6
E	2×5	F	5^2

6

Find the multiplication equation that represents this picture



A	$3 \times \frac{3}{5}$	B	$4 \cdot \frac{3}{6}$
C	$4 \cdot \frac{4}{5}$	D	$4 \times \frac{3}{5}$

7

Find the expanded form of this number raised to its exponent

$$6^3$$

A	$6 \times 6 \times 6 \times 6 \times 6$	B	$6 \times 6 \times 6 \times 6$
C	$3 \times 3 \times 3 \times 3 \times 3 \times 3$	D	6
E	$6 \times 6 \times 6$	F	6×6

8

What equation is the equivalent of this exponent expression?

$$7^2$$

A	7×7	B	$7 \times 7 \times 7 \times 7$
C	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$	D	1
E	7	F	$7 \times 7 \times 7$

9

Find the simplified form of this number raised to its exponent

$$3 \times 3 \times 3$$

A	4^7	B	5^6	C	7^7
D	3^2	E	3^3	F	3^4

10

Find the expanded form of this number raised to its exponent

$$4^4$$

A	$4 \times 4 \times 4 \times 4 \times 4 \times 4$	B	$4 \times 4 \times 4 \times 4$
C	$4 \times 4 \times 4 \times 4 \times 4$	D	$4 \times 4 \times 4$
E	4×4		