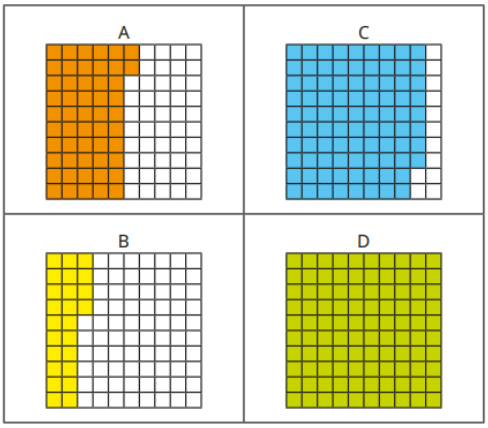
Thursday 16th April 2026

MPI: Understanding percentages as fractions

.

Here are four hundred squares.

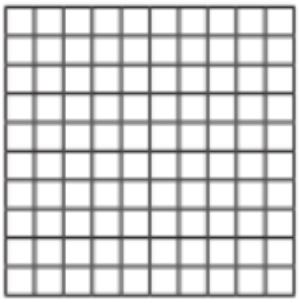


Complete the table to show what percentage and what fraction of each hundred square is shaded.

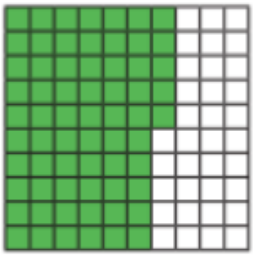
Hundred square	Percentage	Fraction
A		$\frac{52}{100}$
B	24%	
C		
D		

Shade 15% of the hundred square red.

Shade 32% of the hundred square blue.



What percentage of the hundred square is **not** shaded? ☐ %



There are ☐ parts out of a hundred shaded.

This is ☐ %.

Write <, > or = to complete the statements.

a) 50% ◯ $\frac{5}{100}$

b) 25% ◯ $\frac{50}{100}$

c) 14% ◯ $\frac{41}{100}$

d) $\frac{40}{100}$ ◯ 40%

e) $\frac{70}{100}$ ◯ 7%

f) 82% ◯ $\frac{82}{100}$

*Thursday 16th April 2026 **

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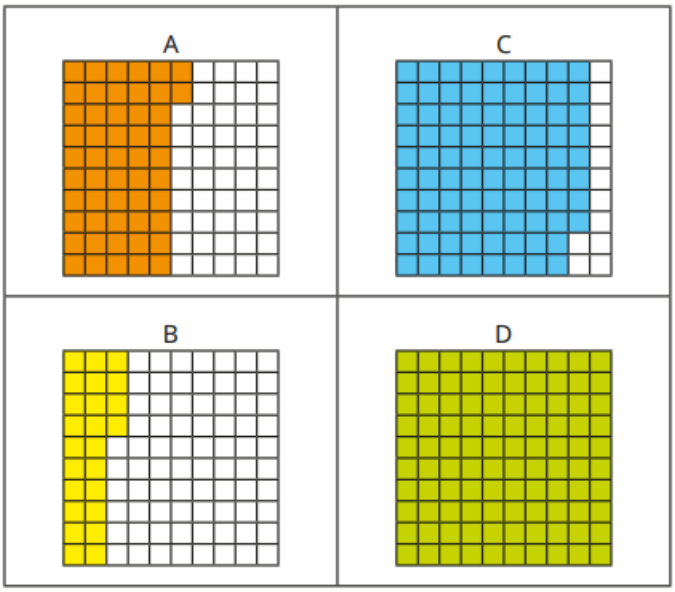

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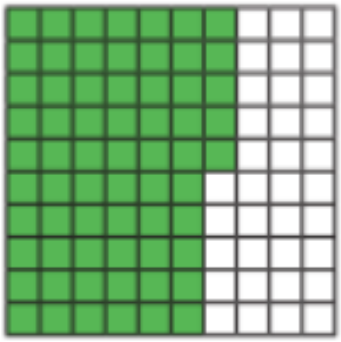

There are ☐ parts out of a hundred shaded.

This is ☐ %.

Thursday 16th April 2026 CHALLENGE

MPI: Understanding percentages as fractions

Which of the fractions are greater than or equal to 50%?

$\frac{10}{50}$	$\frac{4}{5}$	$\frac{50}{100}$
$\frac{30}{80}$	$\frac{1}{50}$	$\frac{70}{140}$

Compare answers with a partner.

Jack and Dora go shopping with the same amount of money.

Jack spends $\frac{1}{3}$ of his money.

Dora spends 30% of her money.

a) Who spends more money?

Use fraction and percentage equivalence to explain your answer.

b) Jack and Dora each started with £300

How much money do they each have left?

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