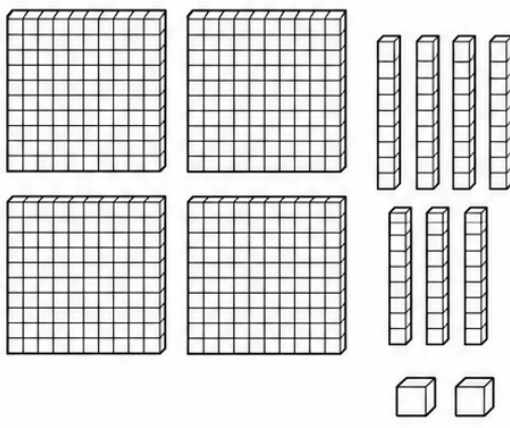
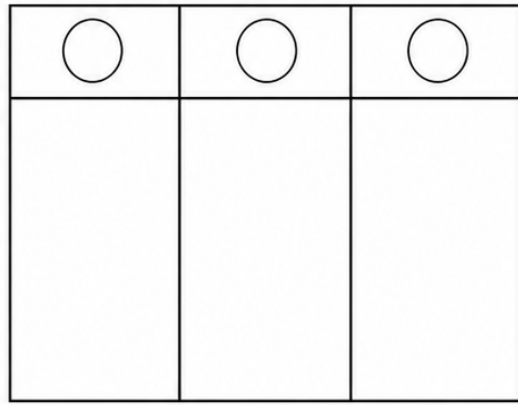
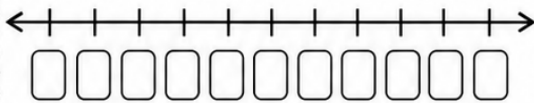
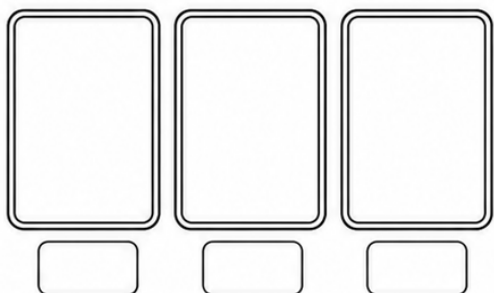
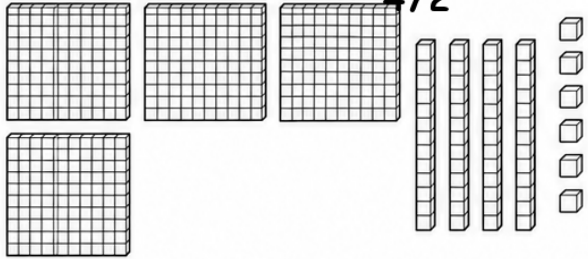


Build and Prove the Number 472

KS2 / Year 3 - Mathematics

Complete every representation so it shows 472, then create a different representation and explain how you know it is equivalent.

	
	
$\square + \square + \square = \square$	
 $400 + 70 + 2$	

Build and Prove the Number 472

KS2 / Year 3 - Mathematics

Complete every representation so it shows 472, then create a different representation and explain how you know it is equivalent.

Parent & Teacher Guidance

Curriculum focus

Topic: Place value. Develop accurate observation, subject vocabulary and evidence-based explanation. Mapped scope: Year 3 Mathematics number and place value: recognise the place value of each digit in a three-digit number and identify, represent and estimate numbers using different representations..

Before you begin

Review the picture together and ask the learner what they already notice about Place value. Read the activity aloud, explain unfamiliar vocabulary, and agree which details need special attention.

Solo activity

The learner can complete the colouring independently, then use the finished page to explain three details linked to Place value. Encourage accurate colour choices where they carry meaning, but allow creative choices elsewhere.

Group activity

Give pairs or small groups different areas to inspect. Ask them to agree on evidence before colouring, compare their findings, and present one curriculum fact to the class. Finish with a whole-group check against the guidance below.

Questions to guide discussion

What evidence can you see? Which feature is most important and why? How does one part connect to another? What new fact about Place value can you explain using the picture?

Answers and checking

472 = 4 hundreds, 7 tens and 2 ones; expanded form $400 + 70 + 2$; number line point at 472 between 470 and 480; place-value chart H=4, T=7, O=2. Regrouped representations such as 47 tens and 2 ones are also valid when explained.

Learning record and next steps

☐ Completed the colouring

☐ Explained key vocabulary

☐ Completed the activity

☐ Used visible evidence

Evidence noticed / vocabulary used

Next step:
