Year 3 Mathematics

Number sense • calculation • fractions • measurement • reasoning

Name: _____ Date: _____

Instructions: Work independently where possible. Explain your thinking. You may ask an adult to read instructions aloud.

1. Place value

Write 407 in expanded form. What is 100 more than 407?

_____

_____

2. Mental addition

Calculate 268 + 135. Show a method and explain it.

_____

_____

3. Subtraction

A library has 520 books. It lends 178 books. How many remain?

_____

_____

4. Multiplication

There are 7 trays with 6 cupcakes on each tray. How many cupcakes? Show a picture or number sentence.

_____

_____

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5. Division and remainders

29 stickers are shared equally among 4 children. How many does each receive, and how many are left?

_____

_____

6. Fractions

Which is greater, 3/4 or 2/3? Explain using a diagram or reasoning.

_____

_____

7. Time

A lesson starts at 9:35 and lasts 50 minutes. What time does it finish?

_____

_____

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8. Measurement

A ribbon is 1 m 35 cm long. Another is 85 cm. What is their total length in cm?

_____

_____

9. Patterns

Find the next two numbers: 5, 9, 17, 29, 45, __, __. Explain the rule.

_____

_____

10. Reasoning

Is 48 + 37 closer to 80 or 90? Explain without doing exact written addition.

_____

_____

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Purpose: This is a low-pressure snapshot of current skills, not a fixed ability label. Allow approximately 25–40 minutes, or split into shorter sessions.

How to support without giving answers

Read directions aloud if needed. Let your child think, draw or use counters. Record whether an answer was independent, prompted, or supported. Avoid correcting answers until the child has finished.

Suggested answers and observations

1. Suggested answer: 400 + 7; 507

Look for: Hundreds, tens and ones.

2. Suggested answer: 403

Look for: Accurate regrouping or decomposition.

3. Suggested answer: 342

Look for: Correct subtraction and interpretation.

4. Suggested answer: 42

Look for: 7 groups of 6, repeated addition or multiplication.

5. Suggested answer: 7 each, 1 left

Look for: Division as equal sharing.

6. Suggested answer: 3/4

Look for: Comparison using common denominators, diagrams or benchmarks.

7. Suggested answer: 10:25

Look for: Adding 25 minutes to 10:00 or another sound method.

8. Suggested answer: 220 cm

Look for: Convert 1 m 35 cm to 135 cm.

9. Suggested answer: 65, 89

Look for: Differences rise by 4: +4,+8,+12,+16,+20,+24.

10. Suggested answer: Closer to 90

Look for: 48+37=85, equally distant from 80 and 90; accept 'equally close' as the precise answer. Look for estimation and boundary reasoning.

After the assessment

Discuss one strength, one skill to practise, and one next step. Ask: “How did you decide?” and “Can you show another way?” Encourage effort, explanations and curiosity.

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Parent notes

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