

Primary 1 Mathematics Subject Briefing

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HOD Mathematics



■ Outline of Presentation

- Primary Mathematics Curriculum
- P1 Mathematics content
- Learning Outcomes for P1 Mathematics
- How Maths lessons will be like
- Suggestions on how to help your child



■ Primary Mathematics Curriculum

- Acquire important **basic numeracy**
- Develop **logical reasoning and problem-solving skills**
- Equip with **tool for everyday life** and skills for learning math at the next level
- Build **confidence** and foster **interest** in mathematics



P1 Mathematics Content

Topic	Sub-topic
Whole Numbers	<ul style="list-style-type: none">• Numbers up to 100• Addition and Subtraction (including algorithms)• Multiplication and Division
Money	<ul style="list-style-type: none">• Counting amount of money in cents up to \$1 or in dollars up to \$100
Measurement	<ul style="list-style-type: none">• Length (Measuring and comparing lengths in cm)• Time (telling time to 5 min / duration)
Geometry	<ul style="list-style-type: none">• 2D shapes
Data Representation and Interpretation	<ul style="list-style-type: none">• Picture Graphs



■ Learning Outcomes for P1 Mathematics

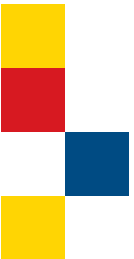
1. Understand numbers up to hundred.
2. Understand addition and subtraction.
3. Add and subtract numbers
4. Understand multiplication and division.
5. Identify, name, describe and sort shapes.
6. Tell time to 5 minutes.
7. Measure and compare lengths of objects.
8. Read and interpret picture graphs.





P1 Holistic Assessment

- No weighting
- Bite-sized formative assessments
 - Performance Tasks
 - Topical Reviews



■ How Math lessons will be like

Manipulatives



Active participation



■ How Math lessons will be like

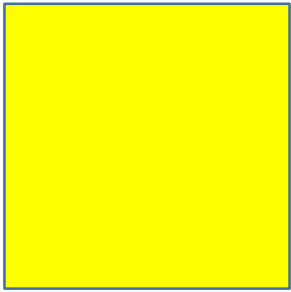
Activity-based



■ Why P1 content may be challenging to some

1. Language

Name the shape.



Answer: Square

9 7 2

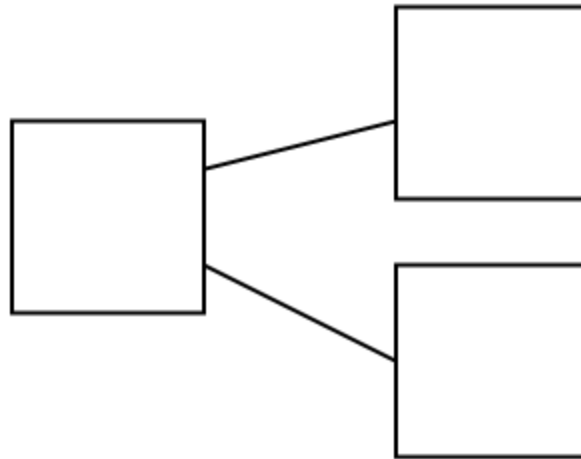
9 is 2 more than 7.

7 is 2 less than 9.



2. Abstract

$+$, $-$, \times , \div



7th
7

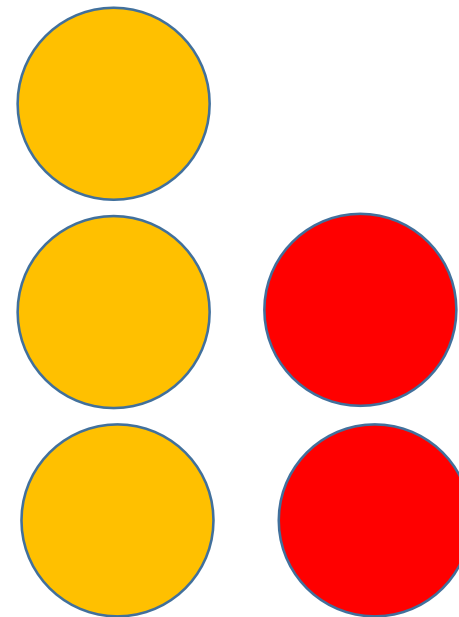
3. Memory

rectangle

13 - thirteen

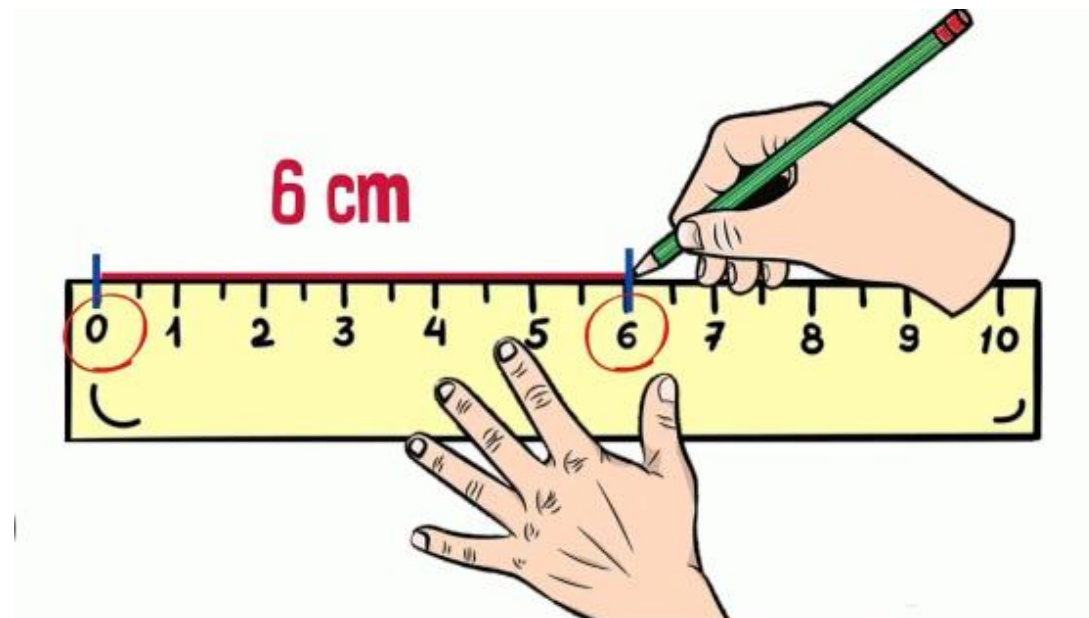
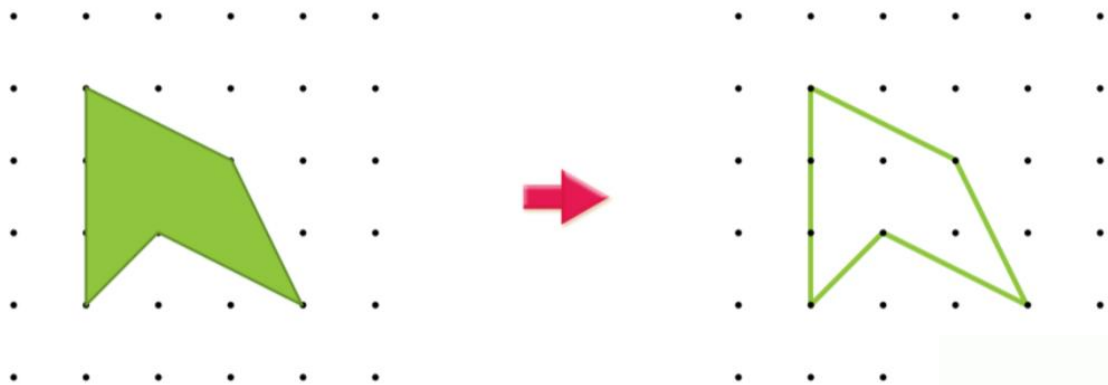
31 - thirty

$$\begin{array}{r} 125 \\ + 18 \\ \hline 43 \end{array}$$



more / less

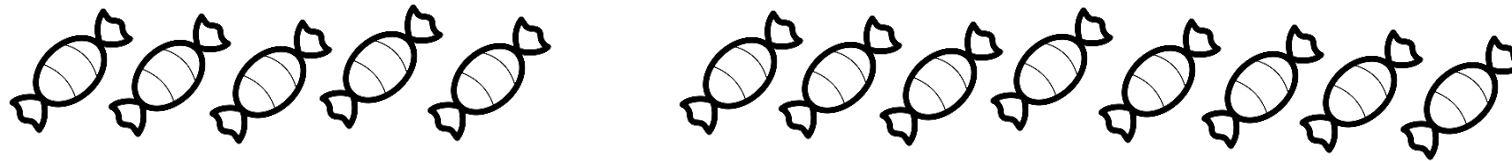
4. Psychomotor skills, e.g. coordination



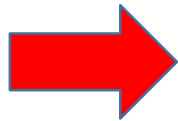
5. Word problems

Julie has 5 sweets. Alice has 8 sweets.

How many sweets do they have altogether?



equation



$$\boxed{5} + \boxed{8} = \boxed{13}$$

word statement



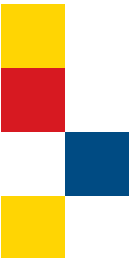
They have $\boxed{13}$ sweets altogether.

working column



■ Suggestions on how to help your child

- Work closely with the teachers.
- Develop good habits of learning.
 - Learn math vocabulary, basic facts and procedures
 - Set aside time for revision
 - Do work neatly and show working
- Encourage them to talk about maths ideas they have learnt.
- Praise them for showing effort.



■ Suggestions on how to help your child

- Ask them to explain what they are doing. You can ask:
 - How do you do this?
 - How do you know this is the answer?
- Help them to see Mathematics beyond the classroom.
 - Get help in activities e.g. involving counting or sorting.
 - Play games or quizzes with them.
 - Observe patterns.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Thank you!

