

Monday: Measuring in Inches**1 Warm-up: Choose Tool**

1. pencil: ruler, door: measuring tape, book: ruler, waist: measuring tape

2 How to Use a Ruler

1. Demonstration – line up at 0, read the end mark

3 Estimate First

1. A=3 in, B=5 in, C=2 in (accept any reasonable estimate)

4 Measure in Inches

1. 1) 4 in, 2) 1 in, 3) 6 in, 4) 3 in

5 Word Problem

1. 2 inches longer ($6-4=2$)

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Tuesday: Measuring in Centimeters**1 Warm-up: Inches Review**

1. A=2 in, B=5 in

2 Meet the Centimeter

1. Discussion – cm is smaller than inch

3 Estimate First

1. A=8 cm, B=12 cm, C=5 cm (accept reasonable estimates)

4 Measure in cm

1. 1) 10 cm, 2) 4 cm, 3) 14 cm, 4) 7 cm

5 Word Problem

1. 14 cm ($5+9$)

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Wednesday: Inches vs. Centimeters**1 Warm-up**

1. 1 inch is longer; centimeters gives the bigger number (smaller unit → more of them)

2 Measure Two Ways

1. Line A: 2 in $\approx$ 5 cm; Line B: 4 in $\approx$ 10 cm

3 Number Talk

1. Centimeters – the unit is smaller, so you need more of them to cover the same length
2. Sam forgot the UNIT – '3' could be 3 inches, 3 cm, or 3 feet

4 Best Unit

1. ant: cm/inches (small), bed: feet/meters (big), paper clip: cm/inches (small), door: feet/meters (big)

5 Estimate Real Objects

1. Accept reasonable estimates; typical: pencil $\approx$ 7 in, hand span $\approx$ 15 cm, spoon $\approx$ 6 in, shoe $\approx$ 20 cm

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Thursday: Comparing Lengths

1 Warm-up

1. A=6 cm, B=11 cm

2 How Much Longer

1. Pair 1: 9 and 4, 5 cm longer | Pair 2: 13 and 6, 7 cm longer | Pair 3: 10 and 7, 3 cm longer

3 Word Problems

1. 6 inches longer (14–8)
2. 40 cm (25+15)

4 Order by Length

1. A=5 in, B=2 in, C=4 in; order: B, C, A

5 Create Own

1. Accept student drawings $\approx$ 3 in and $\approx$ 5 in with a valid comparing question

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Friday: Review & Self-Check

1 Warm-up

1. 1 inch is LONGER than 1 cm; ant $\rightarrow$ centimeters (or inches)

2 Estimate First

1. A=4 inches, B=9 cm (accept reasonable estimates)

3 Measuring Review

1. 1) 3 in, 2) 12 cm, 3) 5 in, 4) 8 cm

4 Word Problems

1. 9 cm (15–6)
2. 19 inches (12+7)

5 Self-Check

1. Accept student self-assessment and reflection