

Monday: Measuring with an Inch Ruler**1 Warm-up**

1. 12, 8, 15, 7

2 Ruler Basics

1. Emphasize lining up the 0 end; common error is starting at 1

3 Measure in Inches

1. A=2 in, B=4 in, C=3 in, D=5 in

4 Number Talk

1. D is longer – it stretches farther; pencil is about 3 inches longer (7-4)

5 Challenge

1. Any real objects; check ruler technique, not exactness

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Tuesday: Estimating & Measuring in Centimeters**1 Warm-up**

1. 16, 7, 15, 8

2 Centimeters

1. Fingertip $\approx$ 1 cm benchmark

3 Estimate First

1. A=5 cm, B=9 cm, C=3 cm, D=7 cm; praise estimates within 2 cm

4 Best Unit

1. ant=cm, door=feet (or meters), shoe=inches, soccer field=meters

5 Word Problem

1. $30-12 = 18$ cm

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Wednesday: Measuring Twice**1 Warm-up**

1. 7, 14, 5, 13

2 Measure Twice

1. A: 2 in / 4 cm; B: 4 in / 8 cm; C: 3 in / 6 cm (printed scale)

3 Number Talk

1. Centimeters are smaller units, so it takes MORE of them to cover the same line

4 How Much Longer

1. 17 cm, 26 inches, 33 cm, 48 inches

5 Create Your Own

1. Any line; celebrate estimates within 1 inch of 4

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Thursday: Length Word Problems

1 Warm-up

1. 18, 9, 13, 9

2 Estimate First (Real Objects)

1. Paper width $\approx$ 8.5 in; other answers vary – check reasonableness

3 Word Problems

1. $63-38 = 25$ cm added; $72-45 = 27$ inches empty; $34+19 = 53$ inches

4 Two Ways

1. $50-23 = 27$ cm; counting up: 23→30 is 7, 30→50 is 20, total 27

5 Create Own

1. Accept student problems with correct solution

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Friday: Review & Self-Check

1 Warm-up

1. 7, 17, 8, 13

2 Estimate First

1. A=4 cm, B=8 cm (printed scale)

3 Mixed Review

1. 5 inches taller; meters; 13 cm; 24 inches

4 Word Problem

1. $47+29 = 76$ cm

5 Self-Check

1. Accept student self-assessment and reflection