

Learning Aid: Measurement Math Training Kit

Recommended Lesson: *Lesson 2: How to read a ruler and Tape Measure*

Required Materials:

- *Fraction War Cards* (printed out)
- *How to Read a Ruler and Tape Measure Guide Note Packet*
- *How to Read a Ruler and Tape Measure* slide presentation (printed out)
- *How to Read a Ruler and Tape Measure Exit Ticket*

Steps:

FOCUS:

1. You will learn about fractions and play a game called Fraction War. Find a partner to play the game with.
2. Cut out the 28 cards (if they have not been already cut out) and shuffle them.
3. Select 14 cards each, creating a face-down pile.
4. Take the top card off your deck and place it in the middle of the desk.
5. The person with the highest card keeps both cards, adding them to the bottom of their pile.
6. The process is repeated until one player has all of the cards and is declared the winner.
7. In the case of equivalent fractions, a “fraction war” will ensue. In a fraction war, an additional card will be placed face down and another card will be flipped in the center. The higher of the cards will take all of the cards in the center.

LEARN:

1. Read through the *How to Read a Ruler and Tape Measure* slide presentation (slides 1-7).
2. Complete the *How to Read a Ruler and Tape Measure Guided Notes Packet* as you go through the slides.
3. Take a break from the notes and review what you learned to make sure you understand the slides.
4. Continue with the *How to Read a Ruler and Tape Measure* slide presentation (slides 8-13) and notes packet.

REVIEW:

1. Complete the *How to Read a Ruler and Tape Measure Exit Ticket*.
2. Go through each question like it is a quiz and see what you have learned from this lesson.

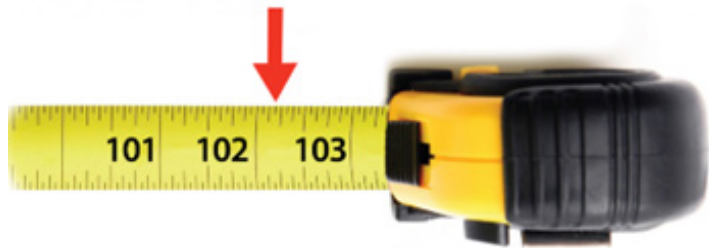
How to Read a Ruler and Tape Measure Exit Ticket

1. What is 32 centimeters in inches?

- A. 10.2394 inches
- B. 12.5984 inches
- C. 14.5692 inches
- D. 12.2390 inches

2. What is the measurement shown on the tape measure below in inches?

- A. $102 \frac{3}{16}$ inches
- B. $101 \frac{7}{8}$ inches
- C. $102 \frac{1}{8}$ inches
- D. $102 \frac{7}{8}$ inches



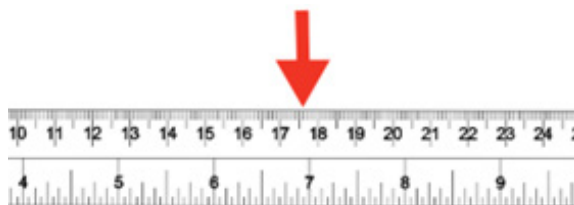
3. What is the measurement shown on the ruler below?

- A. $1 \frac{5}{16}$ inches
- B. $1 \frac{1}{4}$ inches
- C. $1 \frac{1}{2}$ inches
- D. $1 \frac{3}{8}$ inches



4. What is the measurement shown on the ruler below in centimeters?

- A. 17.4 cm
- B. 17 cm
- C. 17.6 cm
- D. 17.8 cm



5. What is the measurement shown on the ruler below?

- A. $\frac{3}{16}$
- B. $\frac{5}{16}$
- C. $\frac{1}{4}$
- D. $\frac{3}{8}$

