**Goal:** To show features of the *Answer Presentation Tool*

The *Answer Presentation Tool* allows you to view the solution as well as the worked-out solution to any exercise in the text.

1. Start the *Dynamic Teaching Package* with a web browser or interactive white board.

Two options are available: the *Dynamic Classroom* and the *Answer Presentation Tool*. Click *Answer Presentation Tool*.

2. Select a grade, chapter, section, and exercises. Select grade 6, chapter 7, and Section 3 – exercises. Type in exercise numbers “10-20.” Click *Show Answers*.

For more detailed directions, go to [BigIdeasLearning.com](http://BigIdeasLearning.com) and click on Support.
To view a worked out solution, click on the exercise number to see the worked-out solution. You can view more than one worked-out solution at a time.

Click exercise numbers 11 and 12.

On Your Own: View the worked-out solutions to a standardized test practice.
- Start the Answer Presentation Tool.
- Select grade 6, chapter 7, and section Standardized Test Practice. Type in exercises “1-20.” Click Show Answers.
- Click each answer to view the worked-out solutions.
- Close the Answer Presentation Tool.
**Goal:** To show features of the *Dynamic Classroom*

1. Start the *Dynamic Teaching Package* with a web browser or interactive white board.

   Two options are available: the *Dynamic Classroom* and the *Answer Presentation Tool*. Click *Dynamic Classroom*. Click *Grade 6*. Then click **Chapter 2: Multiplying and Dividing Fractions**. Finally click **2.2 Multiplying Fractions and Whole Numbers**.

   In the left frame, there are links represented with yellow and red stars. When you click a link with a yellow star, a new window will appear. Click **Warmup 1 (with answers)**.

   When a link includes “(with answers),” you can view the answers in the same window by clicking near the exercises as shown below.

   Notice there are links for several features from the pupil and teaching editions of the textbook.

   For more detailed directions, go to [BigIdeasLearning.com](http://BigIdeasLearning.com) and click on Support.
Close the **Warmup 1** window.

Each window can be resized to increase or decrease text and graphic sizes. Click **On Your Own 5-6 (with answers)**. Click and drag any corner of the window to resize.

Close the **On Your Own** window.

In the left frame, when you click a link with a red star, an interactive window will appear. Each interactive manipulative in the **Dynamic Classroom** has unique qualities and levels of interactivity.

Click **Interactive Fraction Bars**. The Fraction Bars manipulative allows you to divide a fraction bar into $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, and $\frac{1}{10}$ sections. You can enter fractions below the bar and move the shaded area to represent fractions on the bar.

7. You can display as many windows as you need when presenting material to students. Click *Extra Example 1, Mini-Assessment (with answer)*, and *Closure 2 (with answer)*.

8. Close the windows and exit the *Dynamic Classroom*. 
On Your Own: You can view and print pages from the Record and Practice Journal. The Record and Practice Journal is a print supplement that accompanies the pupil edition. The print supplement is available through the Dynamic Classroom.

- Start the Dynamic Classroom.
- Click Grade 6.
- Click Chapter 2: Multiplying and Dividing Fractions.
- Click 2.2 Multiplying Fractions and Whole Numbers.
- Click Record and Practice Journal.
- Print pages 30 and 32.
- Close the Record and Practice Journal.
- Close the Dynamic Classroom.

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2.2 Multiplying Fractions and Whole Numbers (continued)

| Example: Multiplying a Whole Number and a Fraction |
| 2  | 3  |
| 4  | 5  |

Inductive Reasoning

Work with a partner. Complete the table using the given information.

| Exercise | 3  | 3  |
| 2  | 3  |
| 5  | 3  |
| 6  | 5  |
| 7  | 12 |

Practice: For use after Lesson 2.2

Multiply. Write the answer in simplest form.

1. \( \frac{1}{6} \times \frac{3}{4} \)
2. \( \frac{5}{2} \times \frac{2}{3} \)
3. \( \frac{1}{9} \times \frac{3}{7} \)

Evaluate the expression when \( a = 4, b = \frac{3}{5}, c = 2, \) and \( d = 30 \).

7. \( \frac{a}{b} + \frac{c}{d} \)
8. \( a \cdot b \)
9. \( \frac{a}{b} \)

16. You design a skirt that requires \( \frac{1}{2} \) yard of fabric. Four friends ask you to make four skirts. How many yards of fabric do you need?

17. The table shows the amount of fuel to mix that is needed for each amount of snow shown.
   a. Give two possible ways to make 21 cups of mixture.
   b. How much will you need for each of your methods? Explain.