

Big Ideas Math®



Review Jeopardy

► Materials:

- Paper
- Pencil
- Chapter Review exercises
- Calculator with a random number generator
- Index cards

► Directions:

1. Divide the class into groups of four or five students. Each group must have the same number of students. If this is not possible, then a student or students (instead of the teacher) can serve as one or more of the following: the host, the scorekeeper, or the random number generator.
2. Members of each group work together to solve Chapter Review exercises.
3. The members of each group assign themselves numbers from one to four or five, depending on how many members are in the group. Students should not share their numbers with members of other groups.
4. The person serving as the random number generator uses a calculator to generate a number from 1 to however many exercises there are in the review.
5. The person serving as the host reads the *answer* to the review exercise that corresponds to the number generated in Step 4. (The host will have all of the correct answers to the Chapter Review exercises.)
6. The random number generator uses a calculator to generate a number from one to four or five, depending on how many members are in each group.
7. The students assigned the number generated in Step 6 are in competition to formulate a question that goes with the answer that the host read in Step 5. The first student to raise his/her hand is permitted to answer. For example, if 5 inches was the answer read by the host, then an appropriate question would be "What is the measure of the hypotenuse of a right triangle with side lengths of 3 inches and 4 inches?" The teacher serves as the judge.
8. If the student correctly formulates a question to go with the given answer, their team receives 100 points. If the student does not correctly formulate a question, their team loses 100 points, and students assigned the same number from Step 6 have a chance to answer. If that student correctly formulates a question to go with the given answer, then their team receives 100 points. The score keeper can record points on the board.

9. The teacher will announce when the final Jeopardy round occurs (about 10 to 15 minutes before the end of the class period). During this round, teams write the number of points they wish to wager on the final question on a note card that is given to the host. The maximum number of points a team can wager is all of their points. All team members are involved in answering the last question. They write their answer to the question on another note card that is given to the host. Scores are then revealed, and points are awarded or lost depending on correct and incorrect answers. In case of a tie, another round of final Jeopardy is played between those teams involved in the tie.

► **Who Wins?**

The team with the greatest total after the round of final Jeopardy wins.

► **Tip:**

- This game may be played over two class periods — one in which teams work on the Chapter Review exercises and one in which they play the game.