

Developmental Series Sample

Priority Academic Student Skills

III. Number Operations and Computation

A. Multiply and **divide whole numbers and decimals** with 2-digit multipliers or divisors.

ACTIVITY

Divide and Conquer Everest!

Materials

For each group of 3 students:

Divide and Conquer Everest! cards

Divide and Conquer Everest! game board

3 markers--beans, coins, buttons, etc.

Die

Calculator--to check answers

Procedure

Divide students into groups of 3 and distribute materials. Students shuffle the set of *Divide and Conquer Everest!* cards and place them in a pile, face down. Players put their markers on the "BASE CAMP" space on the *Divide and Conquer Everest!* game board.

Player A begins by turning over the top card of the pile. Player A works the division problem on a piece of paper. After Player A has worked the problem and shown the answer to the other 2 players, all 3 players check the answer using the calculator. They simply multiply Player A's answer by the divisor. The result will equal the dividend if Player A is correct. If the result is different from the dividend, Player A's answer is incorrect.

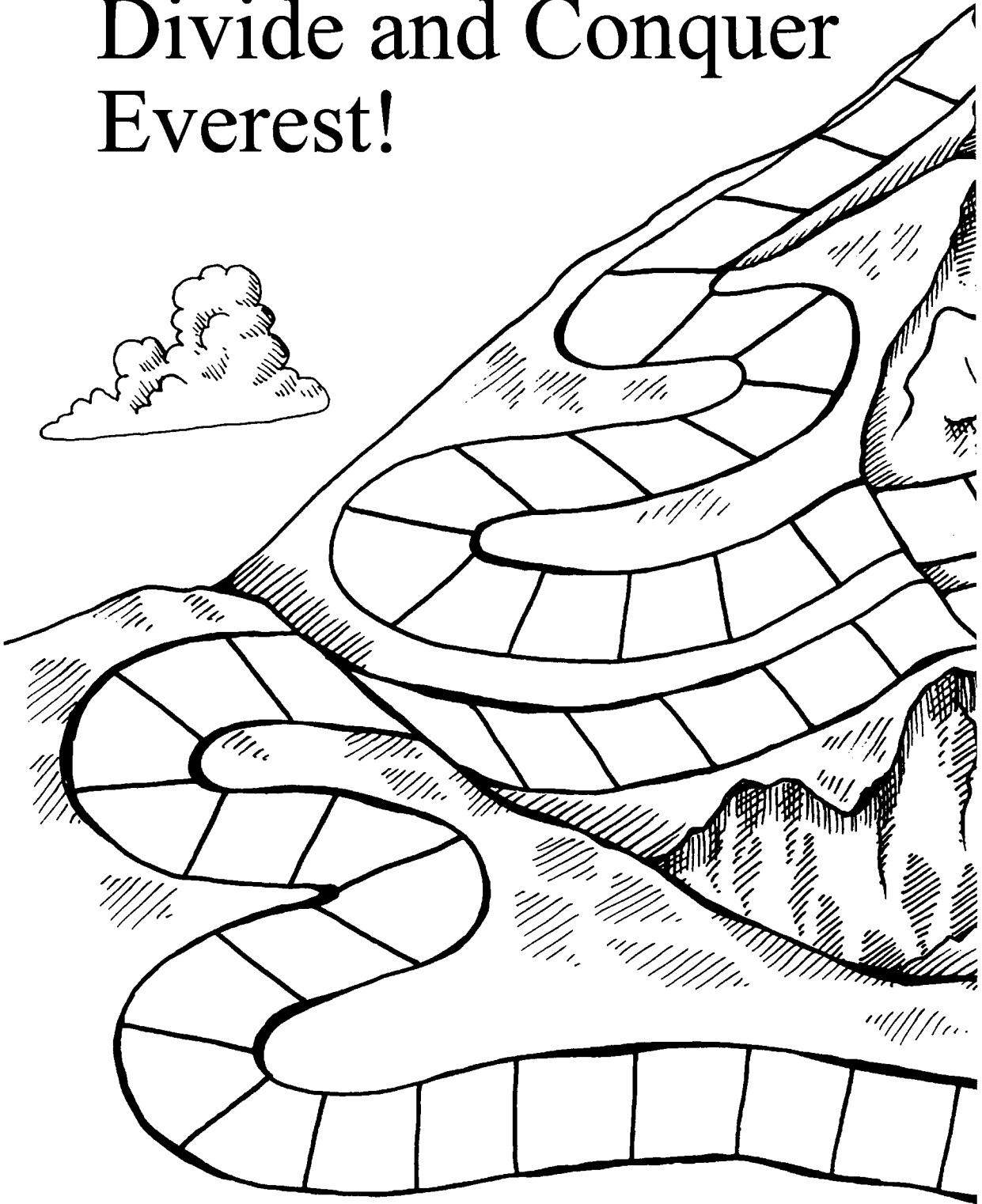
If Player A's answer is correct, (s)he rolls the die and advances the number of spaces shown. If Player A's answer is incorrect, (s)he remains on the "BASE CAMP" space.

The card is set aside. Player B turns over the next card in the pile and follows the same procedure. Play continues in this manner until one player reaches the "TOP OF THE WORLD" space and is declared the winner or until all of the cards have been used. If all of the cards have been used and no player has reached the "TOP OF THE WORLD" space, the player closest to the top is the winner.

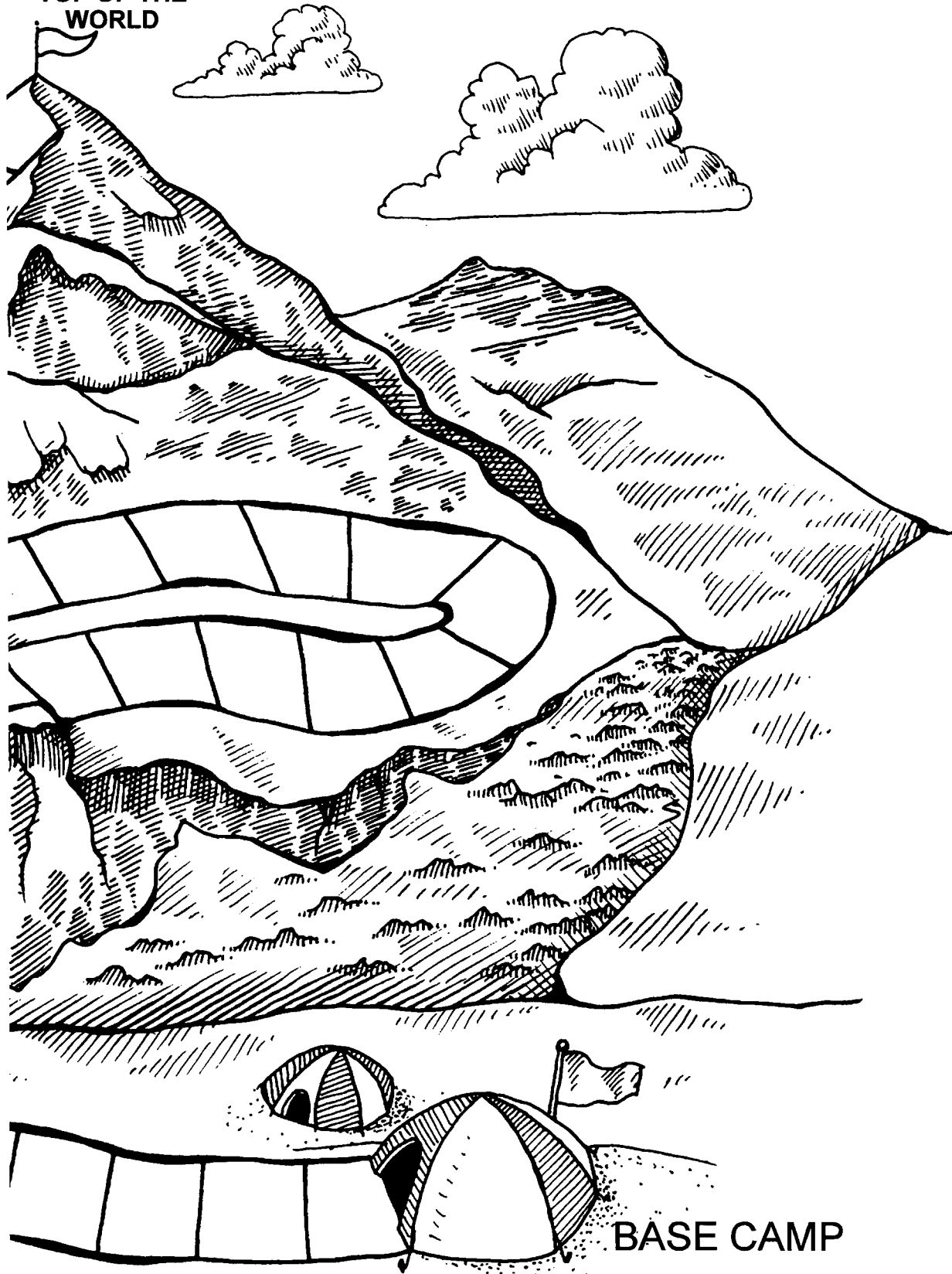
Copies of blank cards may be used to make additional game cards.



Divide and Conquer Everest!



TOP OF THE
WORLD

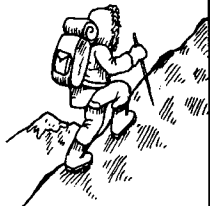


BASE CAMP



Divide and Conquer Everest! (sample cards)

$$130.2 \div 14$$



© KAMICO® Instructional Media, Inc. All Rights Reserved.

$$765 \div 1.5$$



© KAMICO® Instructional Media, Inc. All Rights Reserved.

$$964 \div 16$$



© KAMICO® Instructional Media, Inc. All Rights Reserved.

$$957.6 \div 18$$



© KAMICO® Instructional Media, Inc. All Rights Reserved.

$$0.924 \div 22$$



© KAMICO® Instructional Media, Inc. All Rights Reserved.

$$984 \div 0.24$$



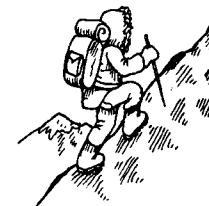
© KAMICO® Instructional Media, Inc. All Rights Reserved.

$$940 \div 25$$



© KAMICO® Instructional Media, Inc. All Rights Reserved.

$$8.84 \div 2.6$$



© KAMICO® Instructional Media, Inc. All Rights Reserved.



Developmental Series Sample

Priority Academic Student Skills

III. Number Operations and Computation

A. Multiply and divide whole numbers and decimals with 2-digit multipliers or divisors.

- 1 Ms. Grundy teaches in Bartlesville. She has 18 students in her 5th-grade class, but only 15 are able to attend a special exhibit at the children's art museum next Monday. To pay for all the children's tickets, Ms. Grundy collects \$41.25 from the students who will go. If each child pays the same amount, how much does each child's ticket cost?
- A \$2.29
 - B \$8.25
 - C \$2.75
 - D \$3.60

