

47.

The Price Is Right

Level: Grade 7

Objective: To reinforce computation skills involving unit price (ratio and proportion).

Materials: Play money, bell, scrap paper, pencils

- Procedure:
1. Students' desks are arranged in a circle around a small table with a bell on it. When students wish to give an answer, they run to the centre of the room and ring the bell.
 2. The sample problem is given, and all students who correctly answer the question, "Which is cheaper and by how much?" are awarded \$200.
 3. Review the calculations necessary to calculate the unit price and the difference in price.
 4. Explain prizes:
 - \$1,000 for the first student who correctly calculates the difference in price before any unit prices have been given.
 - \$500 for the first student who correctly calculates the difference in price after 1 unit price has been given.
 - \$300 for the first student who correctly calculates a unit price.
 - \$200 for all students who correctly calculate the difference in price after both unit prices have been given.
 - \$100 penalty for any wrong answer.
 5. The student with the most money at the end of the game is the winner.

- Variations:
1. Have three-quarters of the desks in the centre and a few desks outside. Label these \$1,000, \$1,500, and \$2,000. Once students have earned enough money, they move to desks that are progressively farther from the bell.
 2. If a bell is not available, have students line up to give their answers.

Sample Problem: 6 apples for \$2.40
(\$0.40 \$0.01 cheaper)

8 oranges for \$3.28
(\$0.41)

Problems: 15 balls for \$3.30
(\$0.22)

9 badminton birds for \$1.62
(\$0.18 \$0.04 cheaper)

25 dolls for \$814
(\$32.56 \$0.31 cheaper)

17 wagons for \$558.79
(\$32.87)

25 books for \$149.50
(\$5.98)

36 dictionaries for \$213.12
(\$5.92 \$0.06 cheaper)

15 prs. socks for \$48.60
(\$3.24 \$0.03 cheaper)

19 prs. pantyhose for \$62.13
(\$3.27)

8 dresses for \$458.32
(\$57.29 \$35.17 cheaper)

3 suits for \$277.38
(\$92.46)

9 purses for \$438.39 (\$48.71)	15 wallets for \$430.35 (\$28.69 \$20.02 cheaper)
3 chairs for \$775.47 (\$258.49)	8 stools for \$1,427.12 (\$178.39 \$80.10 cheaper)
6 televisions for \$4,734.78 (\$789.13 \$857.99 cheaper)	2 video recorders for \$3,294.24 (\$1,647.12)
3 pictures for \$137.67 (\$45.89 \$5.20 cheaper)	4 frames for \$204.36 (\$51.09)
14 prs. curtains for \$1,093.82 (\$78.13 \$8.34 cheaper)	4 rugs for \$345.88 (\$86.47)
3 radios for \$259.41 (\$86.47 \$10.98 cheaper)	2 tape decks for \$194.90 (\$97.45)
8 prs. jeans for \$235.76 (\$29.47)	15 sweaters for \$299.70 (\$19.98 \$9.49 cheaper)
26 calculators for \$220.22 (\$8.47)	15 notebooks for \$46.80 (\$3.12 \$5.35 cheaper)
6 stoves for \$4,499.22 (\$749.87 \$124.22 cheaper)	5 fridges for \$4,370.45 (\$874.09)
13 lamps for \$1,283.88 (\$98.76 \$98.82 cheaper)	5 tables for \$987.90 (\$197.58)
12 prs. earrings for \$55.08 (\$4.59)	23 bracelets for \$45.31 (\$1.97 \$2.62 cheaper)
3 prs. runners for \$109.41 (\$36.47 \$16.14 cheaper)	8 prs. dress shoes for \$105.22 (\$52.61)
6 track suits for \$164.52 (\$27.42 \$21.22 cheaper)	8 prs. joggers for \$389.12 (\$48.64)
14 shirts for \$362.88 (\$25.92)	21 blouses for \$455.28 (\$21.68 \$4.24 cheaper)
3 blankets for \$55.26 (\$18.42)	4 pillows for \$51.88 (\$12.97 \$5.45 cheaper)
3 potted plants for \$49.41 (\$16.47)	5 hanging plants for \$64.90 (\$12.98 \$3.49 cheaper)
8 newspapers for \$3.92 (\$0.49 \$0.25 cheaper)	6 magazines for \$4.44 (\$0.74)
13 towels for \$226.98 (\$17.46)	21 facecloths for \$113.82 (\$5.42 \$12.04 cheaper)
13 light bulbs for \$11.57 (\$0.89 \$8.01 cheaper)	5 spotlights for \$44.50 (\$8.90)