

Independent Practice

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Determine if each pair of ratios or rates is equivalent. Explain your reasoning. (Examples 1–2, 4–5)

1 \$3 for 6 bagels; \$9 for 24 bagels

2. \$12 for 3 paperback books; \$28 for 7 paperback books

3 3 hours worked for \$12; 9 hours worked for \$36

4. 12 minutes to drive 30 laps; 48 minutes to drive 120 laps

5. Jenny is comparing the cost of two packages of socks. One package has 8 pairs of socks for \$12. Another package has 3 pairs of socks for \$6. Are the rates equivalent? Explain your reasoning.

6. Jade enlarged the photograph at the right to a poster. The size of the poster is 60 inches by 100 inches. Is the ratio of the poster's length and width equivalent to the ratio of the photograph's length and width? Explain your reasoning. (Example 3)



5 in.

3 in.

7 **PS Justify Conclusions** On a math test, it took Kiera 30 minutes to do 6 problems. Heath finished 18 problems in 40 minutes. Did the students work at the same rate? Explain your reasoning.
