

Grade 4 find the mistake

NAME	DATE	SCORE / 8
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Check each answer. If it is wrong, find the mistake.

- 1** Ben says the least common denominator of $\frac{9}{10}$ and $\frac{1}{6}$ is 30. Is Ben right?
- ☐ No: the least common denominator is 10
☐ Yes: the least common denominator is 30
☐ No: the least common denominator is 60

- 3** Leo writes $\frac{37}{5}$ as the mixed number $7\frac{2}{7}$. Is Leo right?
- ☐ No: the answer is $7\frac{2}{5}$
☐ Yes: the answer is $7\frac{2}{7}$
☐ No: the answer is $6\frac{7}{5}$

- 5** Cleo says $\frac{3}{5} = \frac{12}{20}$. Is Cleo right?
- ☐ No: it should be $\frac{18}{20}$ ☐ No: it should be $\frac{3}{20}$
☐ Yes: the top and the bottom are both multiplied by 4

- 7** Maya writes $\frac{10}{20}$ in lowest terms as $\frac{5}{10}$. Is Maya right?
- ☐ No: in lowest terms it is $\frac{2}{4}$
☐ Yes: in lowest terms it is $\frac{5}{10}$
☐ No: in lowest terms it is $\frac{1}{2}$

- 2** Emma writes $3,480 \div 4 = 87$. Find the mistake. Write the correct quotient.
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- 4** A party starts at 2:45 p.m. and ends at 5:20 p.m. Ana says the party lasts 2 hours 75 minutes. Is Ana right?
- ☐ No: the party lasts 2 hours 35 minutes
☐ No: the party lasts 3 hours 25 minutes
☐ Yes: the party lasts 2 hours 75 minutes

- 6** Ben starts at 12, and the rule is add 9 each time. Ben writes 12, 21, 30, 39, 49, 58. Which number is Ben's first mistake?
- ☐ 30 ☐ 39 ☐ 58 ☐ 49

- 8** The list shows each child's height, in cm: 130, 129, 132, 128, 129, 128, 125, 128, 127. Dev subtracts the last number from the first number and says the range is 3. What is the range of the heights, in cm?
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1 Yes: the least common denominator is 30

4 No: the party lasts 2 hours 35 minutes

7 No: in lowest terms it is $\frac{1}{2}$

2 870

5 Yes: the top and the bottom are both multiplied by 4

8 7

3 No: the answer is $7\frac{2}{5}$

6 49