Practice worksheet | Place value and estimation

Checking reasonable answers

Name: _____ Date: _____

6 questions | 10 marks

1. A student writes 364 × 8 = 29,120. Explain why the answer is unreasonable and find the correct product. [2 marks]

2. There are 18 boxes with 24 pencils each. Find the total and give an estimate to check it. [2 marks]

3. Check 903 − 487 = 416 using the inverse operation. [1 mark]

4. Which is reasonable for 49 × 21: 1,029 or 10,290? Explain. [2 marks]

5. Check 936 ÷ 9 = 104. [1 mark]

6. Mia estimates 298 + 403 as 700, then says 690 must be the exact answer because it is close. Is that enough? Find the exact answer. [2 marks]