Multiple choice questions - Short multiplication and division

Year: Year 4 · 10

Question 1 What is 36 x 4?

- ◯ **A.** 124
- ◯ **B.** 144
- ◯ **C.** 164
- ◯ **D.** 140

Question 2 What is 125 x 3?

- ◯ **A.** 375
- ◯ **B.** 365
- ◯ **C.** 355
- ◯ **D.** 385

Question 3 What is 90 / 6?

- ◯ **A.** 14
- ◯ **B.** 15
- ◯ **C.** 16
- ◯ **D.** 18

Question 4 What is 85 / 5?

- ◯ **A.** 15
- ◯ **B.** 16
- ◯ **C.** 17
- ◯ **D.** 18

Question 5 What is the remainder when 47 is divided by 5?

- ◯ **A.** 1
- ◯ **B.** 2
- ◯ **C.** 3
- ◯ **D.** 4

Question 6 Which is the best estimate for 62 x 4?

- ◯ **A.** 200
- ◯ **B.** 240
- ◯ **C.** 300

- ◯ **D.** 360

Question 7 What is 207 x 4?

- ◯ **A.** 808
- ◯ **B.** 828
- ◯ **C.** 818
- ◯ **D.** 848

Question 8 Which sum is the inverse of 12 x 6 = 72?

- ◯ **A.** 72 / 6 = 12
- ◯ **B.** 72 x 6 = 12
- ◯ **C.** 12 - 6 = 72
- ◯ **D.** 6 / 72 = 12

Question 9 What is 162 / 3?

- ◯ **A.** 52
- ◯ **B.** 54
- ◯ **C.** 56
- ◯ **D.** 58

Question 10 Which remainder is impossible when dividing by 6?

- ◯ **A.** 0
- ◯ **B.** 3
- ◯ **C.** 5
- ◯ **D.** 6

Answer grid - Short multiplication and division

Year: Year 4

Question	Answer	Explanation
1	**B**	6 x 4 = 24 (4 carry 2); 3 x 4 = 12 + 2 = 14. The answer is 144.
2	**A**	5 x 3 = 15 (5 carry 1); 2 x 3 = 6 + 1 = 7; 1 x 3 = 3. 375.
3	**B**	9 / 6 = 1 r 3; 30 / 6 = 5. 15.
4	**C**	8 / 5 = 1 r 3; 35 / 5 = 7. 17.
5	**B**	5 x 9 = 45 and 47 - 45 = 2.
6	**B**	60 x 4 = 240.
7	**B**	7 x 4 = 28 (8 carry 2); 0 x 4 = 0 + 2 = 2; 2 x 4 = 8. 828.
8	**A**	Division undoes multiplication: 72 / 6 = 12.
9	**B**	16 / 3 = 5 r 1; 12 / 3 = 4. 54.
10	**D**	A remainder must be smaller than 6.