SAMPEL PERCUMA

Cambridge Primary Maths Multiplication and Division Worksheets + Answer Key

Set penuh: Cambridge Primary

Maths Year 1–6

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PRIMARY MATHEMATICS · PRACTICE WORKBOOK

Cambridge Primary Mathematics

Stage 3

Topic practice for Year 3 (ages 7–8)

- 15 topics across Number, Geometry & Measure, Statistics & Probability
- 145 original practice questions, easy to challenging
- Numbers to 1000, times tables, money and change in RM
- End-of-stage mixed test (31 marks)
- Full answer key with worked answers

Follows the Cambridge Primary Mathematics curriculum framework (0096), Stage 3.
Independent practice material — not an official Cambridge publication. All questions are original.
Metric units throughout; money in RM (ringgit) and sen.

5. Share 20 sweets equally between 5 children. How many sweets does each child get?

Answer: _____

6. There are 30 pencils. Put them in groups of 10. How many groups?

Answer: _____

7. Divide.

   (a) 18 ÷ 2 = _____

   (b) 35 ÷ 5 = _____

   (c) 50 ÷ 10 = _____

8. A chicken has 2 legs. How many legs do 6 chickens have?

Answer: _____

9. Each box holds 5 eggs. How many eggs are in 7 boxes?

Answer: _____

10. Write two multiplications for this array.



Answer: _____

11. Count in fives to find 5 × 4.

Answer: _____

Number 3Ni.05–3Ni.10

Topic 5: Multiplying and dividing

Remember

- Know the 1, 2, 3, 4, 5, 6, 8, 9 and 10 times tables.
- Multiplication and division are inverses: $6 \times 4 = 24$, so $24 \div 4 = 6$.
- **Distributive**: split a number to multiply: $4 \times 23 = 4 \times 20 + 4 \times 3 = 80 + 12 = 92$.
- Multiples of 2 end in 0, 2, 4, 6, 8. Multiples of 5 end in 0 or 5. Multiples of 10 end in 0.

1. Times tables.
   $3 \times 8 =$ _____ $4 \times 7 =$ _____ $6 \times 9 =$ _____ $8 \times 6 =$ _____ $9 \times 4 =$ _____

2. $6 \times 4 = 24$. Write the other three facts in this fact family.

   Answer: _____

3. Work out 4×23 by splitting 23 into $20 + 3$.

   Answer: _____

4. Calculate.
   (a) 3×46
   (b) 5×34
   (c) 2×87

   Answer: _____

5. Estimate 4×49, then calculate it.

   Answer: _____

6. Calculate.
   (a) $84 \div 4$
   (b) $75 \div 5$
   (c) $96 \div 3$

   Answer: _____

7. Calculate $37 \div 5$.

   Answer: _____

Number 4Ni.03–4Ni.06

Topic 3: Multiplying and dividing

Remember

- Know all times tables from 1 × 1 to 10 × 10.
- **Associative property:** you can group numbers in any order when multiplying: 5 × 9 × 2 = (5 × 2) × 9 = 10 × 9.
- Estimate first: 317 × 3 ≈ 300 × 3 = 900.
- Some divisions leave a **remainder**: 47 ÷ 5 = 9 r 2.

1. Fill in the answers.
   7 × 8 = _____ 9 × 6 = _____ 56 ÷ 7 = _____ 72 ÷ 9 = _____

2. Work out 4 × 7 × 5 in an easy way. Show how you grouped the numbers.

   Answer: _____

3. Work out 2 × 9 × 50 in an easy way.

   Answer: _____

4. Estimate, then calculate: 238 × 4

   Answer: _____

5. Estimate, then calculate: 607 × 6

   Answer: _____

6. Calculate 96 ÷ 4

   Answer: _____

7. Calculate 85 ÷ 6

   Answer: _____

8. Eggs are packed in trays of 6. A farmer has 75 eggs. How many full trays can she fill? How many eggs are left over?

   Answer: _____

Number 5Ni.04–5Ni.05

Topic 3: Multiplying and dividing

Remember

- Multiply by a 2-digit number in parts: 63 × 27 = 63 × 20 + 63 × 7.
- Always estimate first: 289 × 31 ≈ 300 × 30 = 9000.
- In word problems, decide what to do with a remainder: round up or round down?

1. Calculate 346 × 7

   Answer: _____

2. Calculate 58 × 24

   Answer: _____

3. Calculate 127 × 36

   Answer: _____

4. Estimate, then calculate: 412 × 19

   Answer: _____

5. Calculate 864 ÷ 4

   Answer: _____

6. Calculate 935 ÷ 5

   Answer: _____

7. Calculate 758 ÷ 6

   Answer: _____

8. A hall has 23 rows of 36 chairs. How many chairs are there?

   Answer: _____

9. 500 children go on a trip. Each minibus holds 8 children. How many minibuses are needed?

   Answer: _____

Number 6Ni.04–6Ni.05

Topic 3: Multiplying and dividing whole numbers

Remember

- Estimate first by rounding: 619 × 41 ≈ 600 × 40 = 24 000.
- Long multiplication: multiply by the ones, then by the tens, then add.
- Think about what a remainder means in a word problem: round up or down?

1. Calculate 3456 × 7.

Answer: _____

2. Calculate 482 × 36.

Answer: _____

3. Calculate 1205 × 24.

Answer: _____

4. Estimate 619 × 41, then calculate it.

Answer: _____

5. Calculate 936 ÷ 8.

Answer: _____

Answer Key — worked answers

Estimates: any sensible rounding is accepted. Where a question has more than one correct answer, one example is shown.

Topic 1: Counting, estimating and sequences

1	**28, 35, 42**	Add 7 each time.
2	**750, 650, 550**	Only the hundreds digit changes.
3	**487, 497, 507**	After 497 the tens go past 9, so the hundreds change: 507.
4	**48, 42, 36**	Subtract 6 each time.
5	**A = 300, B = 700**	Each step is 100.
6	**about 300**	10 × 30 = 300.
7	**even: 236, 708, 64 · odd: 541, 999**	Look at the ones digit only.
8	**(a) ▲ = 45 (b) ■ = 50**	(a) 80 − 35 = 45. (b) 120 − 70 = 50.
9	**21, 25; add 4**	
10	**68, 60; subtract 8**	
11	**(a) 9 (b) 13**	Add 2 squares each time: 3, 5, 7, 9, 11, 13.

Topic 2: Numbers to 1000 and place value

1	**(a) 407 (b) 960 (c) 612**	(a) 0 holds the tens place.
2	**(a) three hundred and eighty-five (b) seven hundred and forty (c) five hundred and six**	
3	**243**	2 hundreds, 4 tens, 3 ones.
4	**(a) 600 (b) 60 (c) 6**	
5	**(a) 90 (b) 170 (c) 12**	(b) 1 hundred is regrouped as 10 tens. (c) 1 ten is regrouped as 10 ones.
6	**(a) 340 (b) 700 (c) 80**	
7	**709**	
8	**(a) 940 (b) 409**	(b) A 3-digit number cannot start with 0.
9	**35**	350 = 35 × 10.
10	**No — it is six hundred and eight**	The 0 is in the tens place, so there are no tens. 680 would be six hundred and eighty.

Topic 3: Comparing, ordering and rounding

1	**(a) < (b) > (c) =**	
2	**258, 285, 528, 582**	

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