Primary 3 Maths Worksheets

Primary 3 · Mathematics

The Singapore Syllabus

1 Numbers to 10 000

Name: _____ **Date:** _____ **Score:** ____ / 10

Syllabus: Numbers up to 10 000: place value, numbers in words, comparing, ordering and number patterns.

Write your answer on the line.

1. Write 4076 in words.

   Answer: _____

2. Write six thousand, three hundred and nine in numerals.

   Answer: _____

3. 8 thousands, 5 hundreds, 0 tens and 2 ones make ____.

4. In 7461, the digit 4 stands for ____.

5. Fill in the missing number: 6250, 6500, 6750, ____

6. Arrange these numbers in order. Begin with the greatest.

   5038, 5308, 3850, 5380

   Answer: _____

7. What number is 1000 more than 8640?

   Answer: _____

8. What number is 100 less than 4050?

   Answer: _____

9. Use each of the digits 7, 0, 3 and 9 once. Make the smallest 4-digit number you can.

   Answer: _____

10. 3000 + 600 + 5 = ____

2 Addition and subtraction

Name: _____ **Date:** _____ **Score:** ____ / 10

Syllabus: Addition and subtraction up to 4 digits, and mental calculation with two 2-digit numbers.

Use the column method for questions 1 to 6. Do questions 7 and 8 in your head.

1. 2345 + 4132 = ____
2. 3678 + 2456 = ____
3. 4905 + 3097 = ____
4. 7864 − 3521 = ____
5. 6000 − 2748 = ____
6. 9050 − 4386 = ____
7. 56 + 37 = ____
8. 82 − 47 = ____
9. A library had 3450 books. It bought 1275 more books. How many books does it have now?

   Answer: _____

10. A shop had 5000 stickers. It sold 1836 stickers on Monday and 2049 stickers on Tuesday. How many stickers were left?

    Answer: _____

3 Multiplication and division

Name: _____ **Date:** _____ **Score:** ____ / 12

Syllabus: Multiplication tables of 6, 7, 8 and 9, division with remainder, and multiplying and dividing up to 3 digits by 1 digit.

Write a remainder like this: 7 R 5

1. 7 × 8 = ____
2. 6 × 9 = ____
3. 63 ÷ 7 = ____
4. 48 ÷ 6 = ____
5. 234 × 3 = ____
6. 158 × 6 = ____
7. 846 ÷ 2 = ____
8. 685 ÷ 5 = ____
9. 47 ÷ 6 = ____
10. 500 ÷ 7 = ____
11. A box holds 9 eggs. How many eggs are there in 125 boxes?

    Answer: _____

12. A teacher packs 58 pencils into bundles of 8. How many full bundles does she make? How many pencils are left over?

    Answer: _____

4 Fractions

Name: _____ **Date:** _____ **Score:** ____ / 12

Syllabus: Equivalent fractions, simplest form, comparing and ordering unlike fractions, and adding and subtracting two related fractions within one whole.

Give each answer in its simplest form.

1. Fill in the missing numerator: $\frac{1}{2} = \frac{?}{8}$

Answer: _____

2. Fill in the missing denominator: $\frac{2}{3} = \frac{6}{?}$

Answer: _____

3. Write $\frac{6}{8}$ in its simplest form.

Answer: _____

4. Write $\frac{10}{12}$ in its simplest form.

Answer: _____

5. Write $\frac{4}{12}$ in its simplest form.

Answer: _____

6. Which is greater, $\frac{2}{3}$ or $\frac{3}{4}$?

Answer: _____

7. Arrange these fractions in order. Begin with the smallest.

$\mathbf{\frac{1}{2}, \frac{3}{8}, \frac{3}{4}}$

Answer: _____

8. $\frac{1}{2} + \frac{1}{4} =$ ____

9. $\frac{2}{3} + \frac{1}{6} =$ ____

10. $\frac{7}{10} - \frac{1}{2} =$ ____

11. $\frac{5}{6} - \frac{1}{3} =$ ____

12. Ali ate $\frac{1}{4}$ of a pie. Ben ate $\frac{3}{8}$ of the same pie. What fraction of the pie did they eat altogether?

Answer: _____

5 Money, length, mass and volume

Name: _____ **Date:** _____ **Score:** ____ / 10

Syllabus: Adding and subtracting money in decimal notation, and changing compound units (km and m, m and cm, kg and g, ℓ and ml).

Remember: 1 km = 1000 m, 1 m = 100 cm, 1 kg = 1000 g and 1 ℓ = 1000 ml.

1. $4.35 + $2.80 = ____

2. $10 − $3.65 = ____

3. A pen costs $2.45 and a file costs $3.70. How much do they cost altogether?

   Answer: _____

4. Meena had $20. She spent $12.75. How much money did she have left?

   Answer: _____

5. 3 km 250 m = ____ m

6. 4 m 8 cm = ____ cm

7. 2 kg 50 g = ____ g

8. 5 ℓ 300 ml = ____ ml

9. 1650 m = ____ km ____ m

10. 2075 ml = ____ ℓ ____ ml

6 Time

Name: _____ **Date:** _____ **Score:** ____ / 11

Syllabus: Measuring time in seconds, finding the start time, end time or duration, and the 24-hour clock.

Remember: 1 min = 60 s. Write 24-hour times with four digits, like 1545.

1. 1 min = ____ s

2. Which is longer, 100 s or 1 min 30 s?

Answer: _____

3. Write 3.45 pm in 24-hour clock time.

Answer: _____

4. Write 9.05 am in 24-hour clock time.

Answer: _____

5. Write 2130 in 12-hour clock time.

Answer: _____

6. Write 1805 in 12-hour clock time.

Answer: _____

7. A class starts at 9.15 am and ends at 11.40 am. How long is the class?

Answer: _____

8. A concert starts at 2.50 pm. It lasts 1 h 35 min. At what time does it end?

Answer: _____

9. A cake bakes for 45 min. It is ready at 12.20 pm. At what time did it go into the oven?

Answer: _____

10. Sara went to the library at 10.30 am and left at 1.15 pm. How long was she there?

Answer: _____

11. A train leaves at 1445 and arrives at 1720. How long is the journey?

Answer: _____

7 Angles and lines

Name: _____ **Date:** _____ **Score:** ____ / 11

Syllabus: Concepts of angle, right angles, angles greater or smaller than a right angle, and perpendicular and parallel lines.

For questions 1 to 5, say if the angle is a right angle, smaller than a right angle or greater than a right angle.

1. This angle is ____.



a. smaller than a right angle b. a right angle
c. greater than a right angle

Answer: _____

2. This angle is ____.



a. smaller than a right angle b. a right angle
c. greater than a right angle

Answer: _____

3. This angle is ____.



a. smaller than a right angle b. a right angle
c. greater than a right angle

Answer: _____

4. This angle is ____.



a. smaller than a right angle b. a right angle
c. greater than a right angle

Answer: _____

5. This angle is ____.



a. smaller than a right angle b. a right angle
c. greater than a right angle

Answer: _____

6. How many right angles does a square have?

Answer: _____

7. At 3 o'clock, is the angle between the hands of a clock a right angle, smaller than a right angle or greater than a right angle?

Answer: _____

8. At 1 o'clock, is the angle between the hands of a clock a right angle, smaller than a right angle or greater than a right angle?

Answer: _____

9. Two lines that meet at a right angle are called ____ lines.

10. Two straight lines that never meet and stay the same distance apart are called ____ lines.

11. How many pairs of parallel sides does a rectangle have?

Answer: _____

8 Area and perimeter

Name: _____ **Date:** _____ **Score:** ____ / 12

Syllabus: Area in square units, cm^2 and m^2, and the perimeter and area of rectangles, squares and rectilinear figures.

Perimeter is the distance around a figure. Area is the space it covers.

1. A rectangle is 6 cm long and 4 cm wide. What is its perimeter?

Answer: _____

2. What is the area of the same rectangle?

Answer: _____

3. A square has sides of 7 cm. What is its perimeter?

Answer: _____

4. What is the area of the same square?

Answer: _____

5. A garden is 9 m long and 5 m wide. What is its area?

Answer: _____

6. The perimeter of a square is 36 cm. How long is one side?

Answer: _____

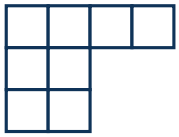
7. A rectangle has an area of 32 cm^2. It is 8 cm long. How wide is it?

Answer: _____

8. A rectangle has a perimeter of 30 cm. It is 10 cm long. How wide is it?

Answer: _____

9. The figure is made of 1 cm squares. What is its area?



Answer: _____

10. What is the perimeter of the same figure?

Answer: _____

11. A fence goes all the way around a field 12 m long and 8 m wide. How long is the fence?

Answer: _____

12. Which has the bigger area: a rectangle 6 cm by 5 cm, or a square with sides of 5 cm?

Answer: _____

A Answer key

Mark each worksheet, then go over any wrong answer together.

1. NUMBERS TO 10 000

1. four thousand and seventy-six
2. 6309
3. 8502
4. 400 (4 hundreds)
5. 7000
6. 5380, 5308, 5038, 3850
7. 9640
8. 3950
9. 3079
10. 3605

2. ADDITION AND SUBTRACTION

1. 6477
2. 6134
3. 8002
4. 4343
5. 3252
6. 4664
7. 93
8. 35
9. 4725
10. 1115

3. MULTIPLICATION AND DIVISION

1. 56
2. 54
3. 9
4. 8
5. 702
6. 948
7. 423
8. 137
9. 7 R 5
10. 71 R 3
11. 1125
12. 7 bundles, 2 pencils left over

4. FRACTIONS

1. 4
2. 9
3. $\frac{3}{4}$
4. $\frac{5}{6}$
5. $\frac{1}{3}$
6. $\frac{3}{4}$
7. $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$
8. $\frac{3}{4}$
9. $\frac{5}{6}$
10. $\frac{1}{5}$
11. $\frac{1}{2}$
12. $\frac{5}{8}$

5. MONEY, LENGTH, MASS AND VOLUME

1. $7.15
2. $6.35
3. $6.15
4. $7.25
5. 3250
6. 408
7. 2050
8. 5300
9. 1 km 650 m
10. 2 ℓ 75 ml

6. TIME

1. 60
2. 100 s (1 min 30 s is 90 s)
3. 1545
4. 0905
5. 9.30 pm
6. 6.05 pm
7. 2 h 25 min
8. 4.25 pm
9. 11.35 am
10. 2 h 45 min
11. 2 h 35 min

7. ANGLES AND LINES

1. a right angle
2. smaller than a right angle
3. greater than a right angle
4. greater than a right angle
5. smaller than a right angle
6. 4
7. a right angle
8. smaller than a right angle
9. perpendicular
10. parallel
11. 2

8. AREA AND PERIMETER

1. 20 cm
2. 24 cm^2
3. 28 cm
4. 49 cm^2
5. 45 m^2
6. 9 cm
7. 4 cm
8. 5 cm
9. 8 cm^2
10. 14 cm
11. 40 m
12. the rectangle (30 cm^2 is more than 25 cm^2)

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