MONDAY

Triangle A: 60°, 60°, a
Triangle B: 88°, 47°, b
Triangle C: c, 90°, 45°

1. Find the missing angles.

Angle a = _____ °   Angle b = _____ °

Angle c = _____ °

2. Write $2\frac{3}{4}$ as an improper fraction. _____

3. Enlarge this line ⊢——⊣ by 3:1. _____ mm

4. 40 hundred thousands = _____

5. $3.3 \div 0.3$ = _____

6. Complete the formula: area of a square = ____ × ____

7. $\frac{1}{2} \times \frac{2}{5}$ = _____

8. $\frac{2}{3}$ of _____ = 28

9. y = _____ °

10. A cube has six 5-cm by 5-cm faces.

What is surface area of this cube? _____ cm²

11. $\frac{1}{2} + \frac{1}{10}$ = _____

12. $80 + 80,000 + 900$ = _____

13. Name this shape.

_____

14. $\frac{1}{2} > 0.358$ ☐ True   ☐ False

15. 6% = 0._____

16. 4,000 , 400 , 40 , 4 , _____

17. How many of Box B will fit

evenly into Box A? _____

Box A: 4 mm, 8 mm, 6 mm
Box B: 2 mm, 2 mm, 2 mm
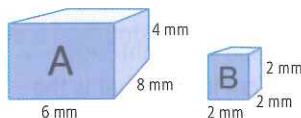
18. If there are ¥116 to €1.00, how many euro would

you get for ¥348? € _____

19. Write the coordinates of

A _____.

B _____.

C _____.
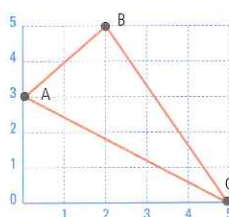
20. What type of triangle in Question 19? _____

TUESDAY

1. $\frac{1}{3} > 0.1$ ☐ True   ☐ False

2. $9,000,000 \div 10$ = _____

3. Change $8\frac{3}{8}$ to an improper fraction. _____

4. $\frac{1}{2} + \frac{1}{3}$ = _____

5. A stack of 20c coins = €7.80. How many coins?

_____

6. 8.03 m = _____ mm

7. 30% of €300.00 = € _____

8. Reduce this line ⊢————⊣ by 2:1.

_____ mm

9. If you are paid time and a half (normal rate is €8.00 per hour), what do you earn after 6 hours work?

€ _____

10. How many faces has an octahedron? _____

11. 9% = 0._____

12. Draw to show a 180° rotation clockwise.

13. 900 , 90 , 9 , 0.9 , _____

14. $7 l \ 7 ml = 7\frac{7}{1,000} l = 7._____ l$

15. y = _____ °

The graph shows the number of rainy days for the first six months of a year.

16. Which month had 15 rainy days?

_____

17. Which month had the most rainy days?

_____

18. Which month had the least rainy days?

_____

19. How many more rainy days had January than June?

_____

20. Which month had 20 rainy days? _____

WEDNESDAY

1. $5\frac{1}{4} - \frac{3}{4} =$ _____

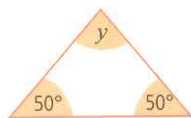2. $\frac{1}{5} < 0.1$ ☐ True ☐ False

3. $2.7 \div 0.3 =$ _____

4. Complete the formula: diameter = ☐ × ☐

5. Enlarge the line ├──┤ by 4:1. _____ mm

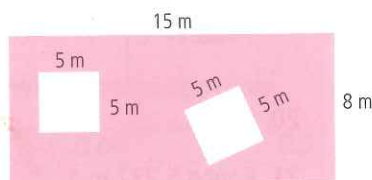6. $\frac{1}{5} \times \frac{1}{2} =$ _____

7. $100 \times 0.01 =$ _____

8. $y =$ _____ °

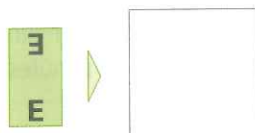9. Parts of South America are 4 hours behind GMT. If it is 3 a.m. in London, what time is it in South America?

   _____

10. What is the shaded area? _____ m²

    15 m
    5 m
    5 m 5 m 5 m 8 m

11. $2.43 + 6.54 =$ _____

12. Draw the rectangle after a 540° rotation anticlockwise.

13. 1.25 million + 0.75 million = _____

14. $\frac{3}{10} =$ _____ %

15. 4.04 kg = _____ g

16. 8.4, 8.6, 8.8, _____, 9.2

17. What is the missing outcome for a two coin toss?

    H H T T
    H T ○ ○
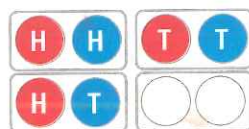
18. 40% off a €100.00 item saves you € _____.

19. Round 3.455 to 1 decimal place. _____

20. If you are cycling at 30 km/h, how far can you cycle in 10 minutes?

    _____ km

THURSDAY

1. 125,000 , 250,000 , 375,000 , _____

2. What is the perimeter?

   28 mm 28 mm
   45 mm

   _____ mm

3. Tick which container would be the best to measure the capacity of a large bottle of lemonade.

   ☐ 5,000-ml container

   ☐ 1,000-ml jug

   ☐ 100-ml beaker

4. $0.099 > \frac{1}{10}$ ☐ True ☐ False

5. Double 75.5. _____

6. $2.4 \div 0.6 =$ _____

7. $9\,l\ 99\ ml = 9\frac{99}{1,000}\,l = 9.$_____ l

8. $\frac{1}{2} \times \frac{4}{5} =$ _____

9. $89 \times 9 =$ _____

10. Reduce this line ├──────┤

    by 6:1. _____ mm

11. If your normal rate is €10.00 per hour, how much do you earn after 6 hours at time and a half?
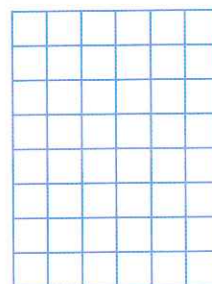
    € _____

12. There are 7 euro to 1,000 Japanese yen. How many euro would you exchange for 3,000 Japanese yen?

    € _____

13. $3.5 - 0.8 =$ _____

14. Double the shape.

15. $\frac{1}{5} + \frac{4}{5} + \frac{3}{5} =$

    _____

16. $\sqrt{25} =$ _____

17. 7.05 l = _____ ml

18. $3 \div \frac{1}{4} = 3 \times$ _____ = 12

19. Round 6.372 to 1 decimal place. _____

20. If you are cycling at 30 km/h, how far will you cycle in 20 minutes?

    _____ km

Week 35

Monday

A B C

1. Which spinner has the best chance of landing on a 2?

_____

2. Write the chance, as a percentage, of each spinner landing on a number greater than 5.
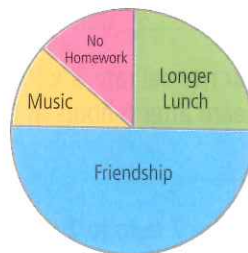
A = _____ %

B = _____ %

C = _____ %

Tuesday

6th Class Happy Moments in School

1. What percentage voted for friendship?

_____ %

2. What percentage voted for music?

_____ %

Wednesday

At a school camp, 40 boys played hide and seek in a forest. When the game was over, 36 children had been found.

1. What percentage was found? _____ %
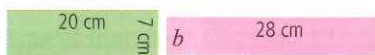
2. What fraction was not found? _____

Thursday

1. The 2 rectangles have the same area.

What is the length of Side a? _____ cm

2. The areas of the 2 rectangles are equal.

What is the width of Side b? _____ cm

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1. $\frac{1}{2} + \frac{1}{3} =$ _____

2. $\frac{4}{5} \times \frac{1}{2} =$ _____

3. 2.36 kg = _____ g

4. 12.2, 12.4, 12.6, 12.8, _____
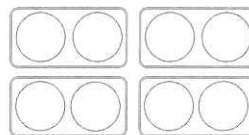
5. $\frac{4}{10} =$ _____ %

6. Reduce this line by 3:1.

_____ mm

7. The 4 outcomes of a two-coin toss are:

8. $\frac{1}{2} < 0.4999$

☐ True ☐ False

9. $6.4 \div 0.8 =$ _____

10. Parts of South America are 4 hours behind GMT. If it is 4.30 a.m. in London, what time is it in South America?

_____

11. A stack of 20c coins = €9.80. How many coins?

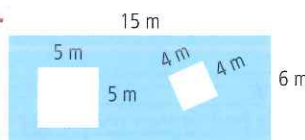_____

12. The chance of rolling an even number on a dice is
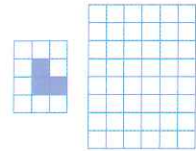
☐ 0%. ☐ 50%.

☐ 100%.

13.

The shaded area is

_____ m².

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14. 25% of 160 = _____

15. 400 + 90,000 + 50 =

_____

16. 89 × 8 = _____

17. Double this shape.

18. 2 l 349 ml = $2\frac{349}{1,000}$ l

= 2._____ l

19. Show as a rotation of 450° clockwise.

20. $9^2 =$ _____

21. Round 5.232 to 1 decimal point.

_____

22. If you can cycle at a speed of 24km/h, how far can you cycle in 10 minutes?

_____ km

23. A worker's pay is €7.00 per hour. What is earnt for 3 hours at time and a half?

€ _____

24. $4 \div \frac{1}{3} =$ _____

25. 2.3 − 0.7 = _____