(14) The triangle whose side lengths 6 cm. is

equilateral triangle

(A) scalene triangle

(B) **equilateral triangle**

(C) Isosceles triangle

[B] Answer a question Complete:

(15) 5 348 475 – three hundred thousand = **5048475**

(16) The value of the digit 4 in the number 546 789 = **40000**

(17) The number 105 is divisible by **3** and also divisible by **5**

(18) 294 ÷ 14 = **21**

(19) The factors of the 35 are **1 , 35 , 5 ,7**

(20) 3 Km = **3000** m

(21) the L.C.M. of 24 and 36 Equal **12**

(22) The side length of a square whose perimeter is 36 m.

= 36 ÷ 4 = 9 cm

[c] Answer a question problems

(23) A car covers a distance of 90 km. in one hour.

How many kilometers can this car cover in 9 hours?

many kilometers can this car cover =9 × 90 = 810 km

Mathematics Answer the Fourth model 4thprim

[A] Answer a question Choose the correct answer

(1) 705 is divisible by both **3 and 5**

(A) 2 and 3   (B) 2 and 5   (C) 3 and 5   (D) 2 and 7

(2) The value of the digit 5 in the number 2 456 300 is

50000   (A) 5 millions   (B) 500 thousands

(C) 50 thousands   (D) 5 thousands

(3) The number **1** is a common factor of all numbers

(A) 0   (B) 1   (C) 2   (D) 3

(4) The smallest prime number is **2**

(A) 0   (B) 1   (C) 2   (D) 3

(5) All sides are equal in length in a **square**

(A) square   (B) rectangle   (C) parallelogram

(6) The perimeter of the square = side length × **4**

(A) 2   (B) 3   (C) 4   (D) 6

(7) 6 $\frac{1}{2}$ m. = **650** cn

(A) 65   (B) 650   (C) 6500   (D) 65000

(8) $8 \times 641 \times 125 =$ <u>**641 thousand**</u>

    (A) 641 thousand   (B) 641 hundred

    (C) 641 million   (D) 6410 hundred

(9) $7\ 251\ 309 + 748691 =$ <u>**8 milliard**</u>

    (A) 8 milliard   (B) 8 million

    (C) 80 thousand   (D) 8 thousand

(10) The number 2 100 is divisible by <u>35</u>

    (A) 35   (B) 11   (C) 13   (D) 17

(11) XYZ is a triangle in which m $(\angle X) = 40°$ and m $(\angle Y) = 30°$

    . then $\triangle$ XYZ is <u>**an obtuse-angled**</u> triangle

    (A) a right-angled   (B) an obtuse-angled

    (C) an acute-angled   (D) Equilateral

(12) The number 18 has <u>6</u> factors.

    (A) 2   (B) 3   (C) 4   (D) 6

(13) The L.C.M. of the numbers 3 , 6 and 7 is <u>42</u>

    (A) 18   (B) 21   (C) 42   (D) 126

(24) Hazem bought 26 books from the book fair of series

animal world , if the price of one book is P.T 725.

Find out the money that Hazem Paid.

the money that Hazem Paid

= 26 × 725 = 18850 P.T

$$\begin{array}{r} 725 \\ \times\,26 \\ \hline 1450 \\ 4350 \\ \hline 18850 \end{array}$$

---

(25) *Join each figure to the suitable name:*

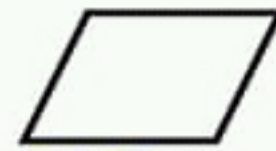(a)   (b)   (c)

(1) Parallelogram   (2) Trapezium   (3) Rhombus

---

(26) Eman bought 24 meters of cloth for L.E. 648

find the price of one meters

the price of one meters = 648 ÷ 24 = 27 meters

[B] Answer a question Complete:

(15)   The greatest 7-digit Different number is <u>9876543</u>

(16)   The sum of measures of interior angles of any triangle = <u>180°</u>

(17)   834275 - 613522 = <u>220753</u>

(18)   4625935 + 7258613 = <u>11884548</u>

(19)   The prime number has only <u>two</u> factors.

(20)   6 millions = <u>100</u> ten thousands.

(21)   The place value of the digit 3 in the number 4 362 894 is <u>300 000</u>

(22)   The square has <u>two</u> diagonals which are <u>equal</u> in length.

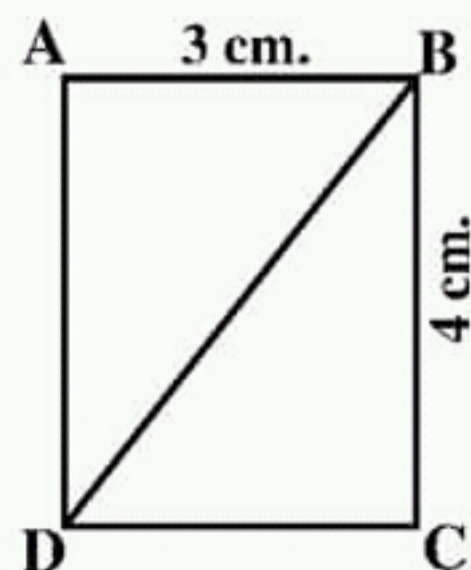## [c] Answer a question problems

(23) In the opposite figure:

(1) C D = <u>3</u> cm

(2) $\overline{AD} \perp \overline{CD}$

(3) $\overline{DC} \parallel \overline{AB}$

(4) The area of the figure ABCD <u>= 3×4 = 12</u> cm².

(8) 4251309 + 3689691 Closest to __8 millions__

    (A) 8 milliards   **(B)** 8 millions

    (C) 8 thousands   **(D)** 8 hundreds

(9) If 45 × 13 = 585 , then 589 = 45 × 13 + __4__

    (A) 2   **(B)** 4   **(C)** 30   **(D)** 60

(10) If the perimeter of a square is 28 cm. , then its side length is __28 ÷ 4 = 7 cm__

    (A) 7   **(B)** 14   **(C)** 12   **(D)** 4

(11) A rectangle , its dimensions are 3 cm. , 7 cm. then its perimeter = __2× (3 + 7) = 20 cm__

    (A) 7cm   **(B)** 17 cm   **(C)** 20 cm   **(D)** 40cm

(12) The perimeter of square is 36 then its side length is

    (A) 6 cm   **(B)** 7 cm   **(C)** 8 cm   **(D)** 9 cm

(13) The number 237 is divisible by __3__

    (A) 2   **(B)** 3   **(C)** 5   **(D)** 7

(14) 100 thousands = __1000hundreds__

    (A) million   **(B)** 1000hundreds

    (C) 10 thousands   **(D)** 100 tens

Mathematics Answer the Third model   4ᵗʰprim

[A] Answer a question Choose the correct answer

(1) The number whose prime factors are 2, 3 and 5 is __30__.

 (A) 10   (B) 20   (C) 15   **(D) 30**

---

(2) The greatest number formed from 6 digits is __987654__

 (A) 987 654   (B) 999 99
 (C) 900 000   (D) 945 678

---

(3) The four sides are equal in length in the __square__

 (A) rectangle   **(B) square**   (C) trapezium   (D) triangle

---

(4) The two diagonals are __perpendicular__ in the rhombus.

 (A) parallel   **(B) perpendicular**   (C) equal in length

---

(5) 30 m = __300__ dm

 (A) 3   (B) 30   **(C) 300**   (D) 3000

---

(6) The smallest prime number is __2__

 (A) 1   **(B) 2**   (C) 3   (D) 5

---

(7) L.C.M for the numbers 20 and 12 is __4__

 (A) 2   **(B) 4**   (C) 30   (D) 60

(7) If the side lengths of a triangle are 3cm., 4 cm. and 3cm. , then it's called ……………   (A) isosceles triangle

  (B) equilateral triangle   (C) scalene triangle

(8) __4__ is one of the factors of the number 8

  (A) 16   (B) 20   (C) 4   (D) 6

(9) $3\frac{1}{2}$ km. __3500__ m

  (A) 35   (B) 350   (C) 3500   (D) 35000

(10) The number __100__ is divisible by each of 2 and 5.

  (A) 27   (B) 25   (C) 72   (D) 100

(11) The prime number after the number 399 is __401__

  (A) 400   (B) 401   (C) 402   (D) 405

(12) The diagonals of the square are …………

  (A) equal in length and not perpendicular
  (B) perpendicular but not equal in length
  (C) equal in length and perpendicular

(13) The two perpendicular straight lines form __4 right__ angles.
  (A) a cute   (B) right   (C) obtuse

(14) The number of the factors of the prime number is __two__

  (A) zero   (B) one   (C) two   (D) three

(24) Find H.C.F , L.C.M for 24 and 30.

30 = 2 × 3 × 5

24 = 2 × 2 × 2 ×3

the H.C.F between 18 and 24 = 2×2×2×3×5 = 120
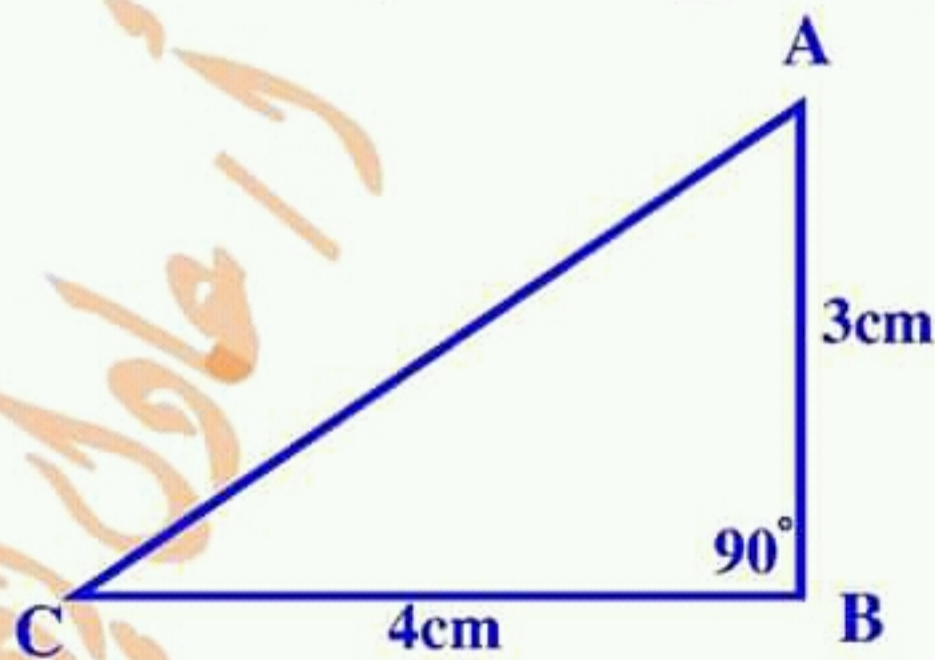
L.C.M between 18 and 24 = 2×3 = 6

---

(25) Mostafa bought a piece of cloth, the price of one metre is 46 pounds. If Mostafa bought 5 metres. How many pounds did he pay?

the money that Mostafa Paid

= 5 × 46 = 230 pounds

---

(26) Draw the triangle ABC in which AB = 4 cm. , BC = 3 cm. and m (∠ B) = 90° . find by measuring the length of $\overline{AC}$

A

3cm

90°

C   4cm   B

measuring the length of $\overline{AC}$ = 5 cm

[B] Answer a question Complete:

(15) 8 765 876 - <u>3475347</u> = 5 290 529

(16) The multiples of 5 and between 16 and 26 are <u>20 and 25</u>

(17) If 79 × 18 = 1422 then 14220 = <u>790</u> × 18

(18) The diagonals of the rectangle are not <u>perpendicular</u>

(19) In the <u>equilateral</u> triangle the three sides are equal in length.

(20) The area of a rectangle whose dimensions 8 cm. and 5 cm. = <u>5 × 8 = 40 cm^2</u>

(21) 89 258 + 5 379 = <u>94637</u>

(22) the H.C.F. for the numbers 8 and 12 = <u>4</u>

[c] Answer a question problems

(23) In a school if 756 pupils are distributed equally on 18 classes. Find number of pupils in each class

The number of pupils in each class

= 756 ÷ 18 = 42 pupils

(24) Find the H.C.F and L.C.M between 18 and 24.

18 = 2   × 3 × 3

24 = 2 × 2 × 2 ×3

the H.C.F between 18 and 24 = 2×2×2×3×3 = 72

L.C.M between 18 and 24 = 2×3 = 6

---

(25) In the opposites figure :

Find the area of the shaded part

The area of rectangle=6×4=24 cm²

The area of a square = 3×3=9 cm²

the area of the shaded part = 24 – 9 = 15 cm²
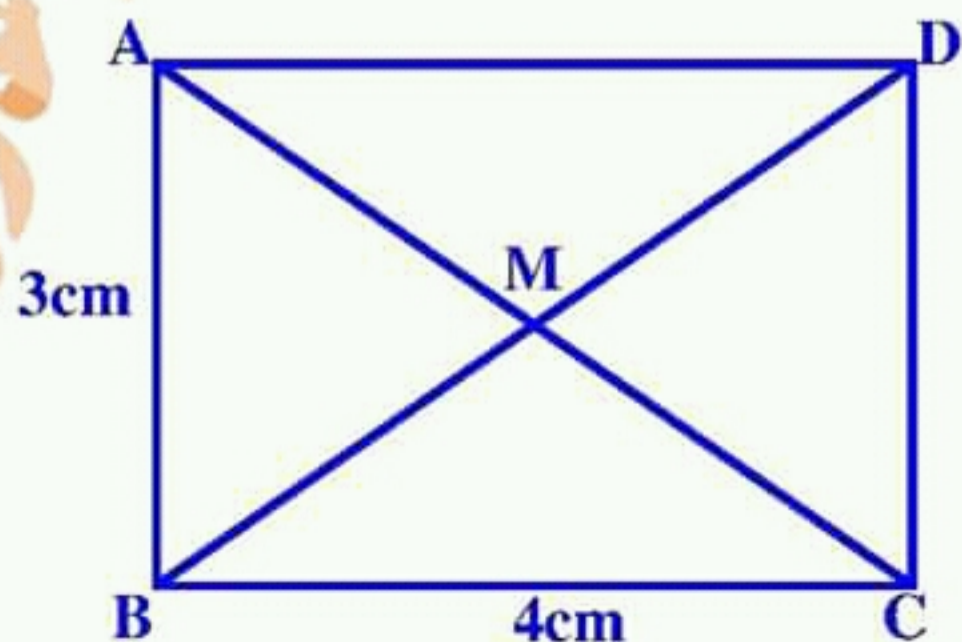
3 cm

4 cm.

4 cm.

6 cm

---
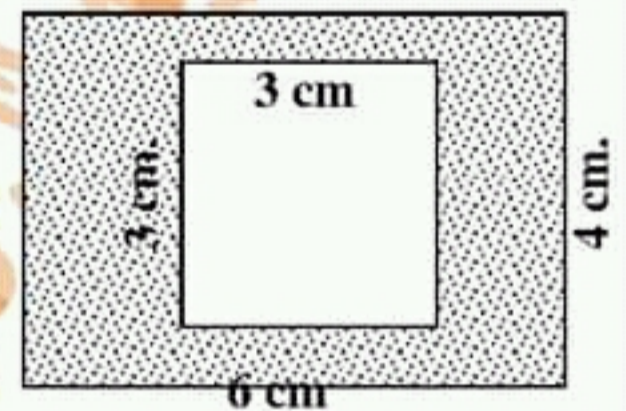
(26) Draw the rectangle ABCD in which BC = 4 cm, AB=3 cm

draw $\overline{AC}$ intersect $\overline{BD}$ at M. Find length of $\overline{AC}$ and $\overline{BD}$

AC = 5 cm

BD = 5 cm

A   D

M

3cm

B   4cm   C

Mathematics   Answer the Second model   4ᵗʰprim

[A] Answer a question Choose the correct answer

(1) 9 145 321 – 9 142 320   the result is nearest to <u>3000</u>

(A) 3 million   (B) 30 thousand   (C) 2 990   (D) 3000

(2) The place value of the digit 5 in the number 45 679 328
is <u>millions</u>   (A) millions   (B) ten millions

(C) milliards   (D) 5000 0

(3) The side length of a square is 7 cm, then its area = <u>49cm^2</u>

(A) 49cm   (B) 28 cm   (C) 49cm^2 (D) 28cm^2

(4) The two diagonals of the rectangle are <u>equal in length</u>

(A) perpendicular   (B) Parallel

(C) not equal in length.   (D) equal in length

(5) The value of the digit 8 in the number 1096835 is <u>800</u>

(A) 8   (B) 80   (C) 800   (D) 8000

(6) The H.C.F. for the two numbers 24 and 36 is <u>12</u>

(A) 24   (B) 18   (C) 12   (D) 6

(7) The polygon has four sides is called <u>quadrilateral</u>

    (A) triangle   (B) quadrilateral

    (C) pentagon   (D) hexagon.

---

(8) $2\ 500 \times 13 = \underline{250} \times 130$

  (A) 25   (B) 250   (C) 2 500   (D) 130

---

(9) If 2 , 4 , 6 , 8 , then the next pattern is <u>10</u>

  (A) 10   (B) 9   (C) 8   (D) 7

---

(10) <u>2</u> is a prime number.

  (A) 8   (B) 6   (C) 2   (D) 1

---

(11) The number <u>3240</u> is divisible by 2 , 3 and 5

  (A) 5 300   (B) 5 325   (C) 3 240   (D) 5 200

---

(12) 5 m. = <u>50</u> dm.

  (A) 5   (B) 50   (C) 500   (D) 5000

---

(13) The area of rectangle whose dimensions are 8cm and 7cm.= $\underline{8 \times 7 = 42\ cm^2}$

  (A) $42cm^2$ (B) $30cm^2$ (C) $17cm^2$ (D) $15cm^2$

---

(14) H .C.F . for the two numbers 8 and 12 = <u>4</u>

  (A) 2   (B) 4   (C) 20   (D) 24

[B] Answer a question Complete:

(15) The prime factors of 21 are __3__ and __7__.

(16) All prime numbers are odd except __2__.

(17) Area of rectangle = <u>Length x Width</u>

(18) The area of rectangle whose dimensions are 6cm and 3cm is <u>6 x 3 = 18 cm^2</u>

(19) In △ABC   m (∠A)=40° ,   m (∠B)=50°, Then △ABC is <u>Right-</u> angled triangle.

(20) 367896 = 367000 + <u>**896**</u>

(21) 125 × 88 = <u>**11000**</u>

(22) The area of a square whose side length 7cm.

<u>6×3=18 cm^2</u>

[c] Answer a question problems

(23) Find The greatest And smaller number that can be formed from the digits 4 , 1 , 0 , 6 , 3 and 5

The greatest number = 654310

The smaller number = 103456

Mathematics   Answer the first model   4thprim

[A] Answer a question Choose the correct answer

(1) The number <u>490</u> is not divisible by 6

    (A) 360   (B) 490   (C) 180   (D) 426

---

(2) 1 km^2 =<u>1000 000</u> M^2

    (A) 1000   (B) 10 000   (C) 100 000   (D) 1000 000

---

(3) In the triangle ABC, m($\angle$ A) = 70° and m($\angle$ B) = 60°
   then $\triangle$ ABC is <u>An acute-angled</u> triangle.

   (A) An acute-angled   (B) a right-angled

   (C) an obtuse – angled

---

(4) The H.C.F. of 36, 27 and 18 is <u>9</u>.

    (A) 9   (B) 6   (C) 4   (D) 3

---

(5) 20 dm. and 10 cm. = <u>210</u> cm.

    (A) 30   (B) 2010   (C) 210   (D) 120

---

(6) The L.C.M. of 7 and 14 is <u>14</u>.

    (A) 7   (B) 14   (C) 28   (D) 198