

NAME _____

DATE _____

①

MATHS EXAM 19ASECTION A

①
$$\begin{array}{r} 397 \\ - 145 \\ \hline \end{array}$$

②
$$\begin{array}{r} 314 \\ \times 2 \\ \hline \end{array}$$

③
$$3 \overline{)155}$$

④ Write in figures: nine thousand and fourteen. _____

⑤ Write 742 to the nearest hundred. _____

⑥ What fraction of this equilateral triangle is NOT shaded?

⑦ Write $\frac{12}{15}$ in lowest terms. _____⑧ Find $\frac{1}{5}$ of 30. _____⑨ Write $3\frac{2}{5}$ as an improper fraction. _____⑩ What is the value of D in this equation: $\frac{\boxed{D}}{9} - \frac{3}{9} = \frac{5}{9}$

D = _____

⑪ Select the smallest fraction. $\frac{1}{10}$ $\frac{1}{1000}$ $\frac{1}{100}$

⑫ Write 0.03 as a fraction. _____

⑬ Add: $13.14 + 3.72$ _____

(2)

(14) Express $\frac{9}{45}$ as a percentage. _____ %

(15) Tim has 10 plums. Pat has 2 more than Tim. Express the number of Pat's plums to Tim's as a ratio.

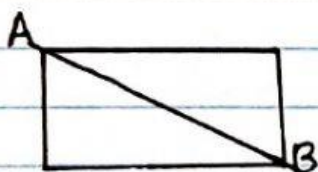
_____ :

(16) 7 litres = _____ millilitres

(18) Ann has 42 five cent coins. How much is this? \$ _____

(19) reflex angle $>$ $=$ $<$ acute angle.

(20) Line AB is / is not a line of symmetry.



SECTION B

(21) Find the sum of 1035, 39 and 157. _____

$$\begin{array}{r} 413 \\ \times 7 \\ \hline \end{array}$$

(23) $18 \div \square + 10 = 19$, $\square =$ _____

(24) $5\frac{1}{3} + \frac{4}{9} =$ _____ (25) $\frac{7}{8} \div \frac{1}{4} =$ _____

(26) How many eighths are in 4 wholes? _____ eighths

(27) 40 pupils are in my class. On Monday $\frac{2}{5}$ were present. How many pupils were absent? _____ pupils.

(28) $158.09 - 72.4 = \underline{\hspace{2cm}}$

(29) One bag weighs 2.7 kg. Another bag weighs 1.3 kg more.
What is the weight of the 2 bags altogether?
 $\underline{\hspace{2cm}}$ kg

(30) How many pieces of string, each 0.4 m can be cut from a longer piece which is 3.2 metres?
 $\underline{\hspace{2cm}}$ pieces

(31) Jane got 54 out of 60 spelling words right. What percentage was incorrect?
 $\underline{\hspace{2cm}}$ %

(32) All the pupils at my school belong to 4 "houses" as shown below.

HOUSE	RED	YELLOW	BLUE	GREEN
%	35	m	25	28

What is the value of m? $\underline{\hspace{2cm}}$

(33) A vendor sold 80 fruits in packs. Each small pack contained 3 plums and 5 dunks.
How many dunks were sold in all? $\underline{\hspace{2cm}}$ dunks

(34) Mary left school at 2.45 p.m. She arrived at her swim class 30 minutes later. She was 10 minutes late for swimming.
At what time did swimming begin? $\underline{\hspace{2cm}}$ p.m.

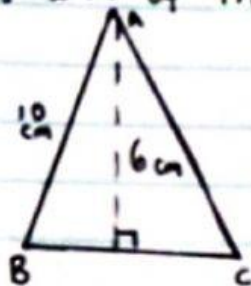
(35) How many cups, each holding 200 mL, may be filled from a jug containing 5 Litres?
 $\underline{\hspace{2cm}}$ cups.

- ③⑥ A tablet which normally costs \$400 is increased in price by 30%. What is its new price?

\$ _____

- ③⑦ The area of this triangle is 24cm^2 .

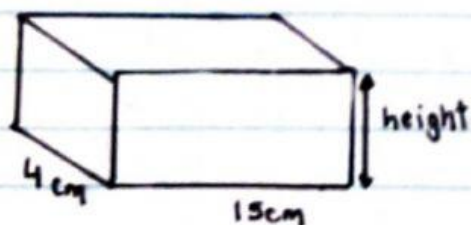
How long is BC? _____ cm



- ③⑧ The radius of a circle is 6.5 cm. How long is its diameter?

_____ cm

- ③⑨ The capacity of this cuboid is 180cm^3 . Calculate its height.



_____ cm

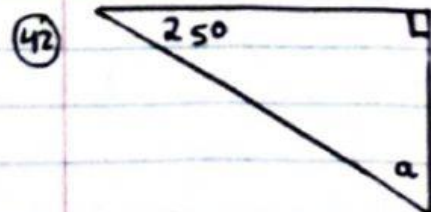
- ④⑩ Disposable masks are sold in packs of 5 for \$10. a pack, or singly where 1 mask costs \$2.50.

How much will I save by buying 1 pack instead of 5 single masks?

\$ _____

- ④⑪ Sam swam around the pool 10 times. The distance all around the pool is 150 m. How far, in km, did he swim?

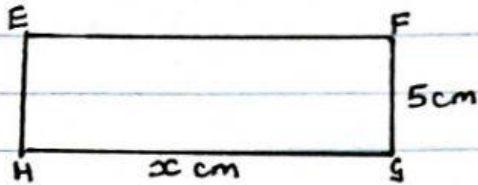
_____ km



angle a = _____ degrees

- (43) The time in London is 4 hours ahead of the time in Barbados. When it is 6:00 p.m. in London, what time will it be in Barbados?

- (44) The length of this rectangle is 3 times its width. What is its area?



_____ cm^2

- (45) Paul took $\frac{1}{2}$ hour to pick 1800 cherries. How many cherries were picked per minute?

_____ cherries.

SECTION C

- (46) There are 240 ^{people} ~~pupils~~ in a church. 44 are men and 76 are women. The rest are children. If there are 3 times as many girls as boys, how many girls are there? _____ girls

- (47) Mom baked 90 cookies. She sold 15 on Monday, and gave away $\frac{3}{5}$ of the remainder. What fraction was left? _____

- (48) Of the buttons in a jar, $\frac{3}{8}$ are red, $\frac{1}{2}$ are gold and 10 are green.

- a) What fraction are green? _____
b) How many buttons are gold? _____

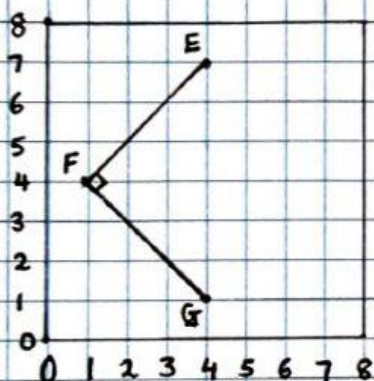
- (49) Bill scored 86% in maths, and 17 out of 20 in grammar. What is his average as a percent?

_____ %

50) The perimeter of a rectangle is 64cm and its width is 7cm.
What is its area? _____ cm^2

51) Anna is 12 years now. In 3 years time her uncle will be 4 times as old as she. How old is he now? _____ years

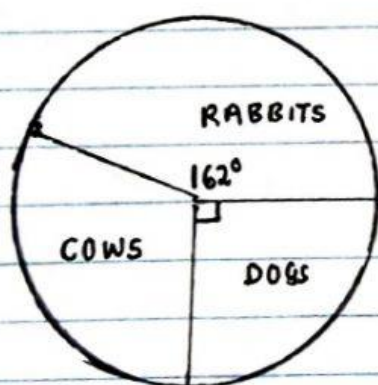
52)



a) What are the coordinates of F? _____

b) Which point is at (4, 7)? _____

c) Write the coordinates of the point which will form a square with EFG. _____



53) This pie chart shows animals owned by a group of girls.

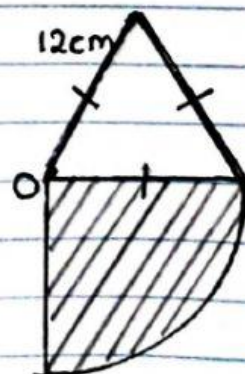
What percentage owns cows? _____ %

54) The diagram is a quarter of a circle with an equilateral triangle at the top.

a) What is the diameter of the circle? _____ cm

b) If the area of the whole shape is 242 cm^2 .

What is the area of the shaded part? _____ cm^2



55) Points scored in 3 games were 32, 20 and 28. a) What is the range? _____

b) How many points must be scored in a 4th game to have a ~~range~~ ^{mean} (average) of 25? _____ points