NAME _____ DATE _____

MATHS EXAM 19A

SECTION 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 $^{12}/_{15}$ in lowest terms. _____

⑧ Find $^{1}/_{5}$ of 30. _____

⑨ Write $3\,^{2}/_{5}$ 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. $^{1}/_{10}$ $^{1}/_{1000}$ $^{1}/_{100}$

⑫ Write 0·03 as a fraction. _____

⑬ Add: 13·14 + 3·72 _____

14. Express $9/45$ as a percentage. _____ %

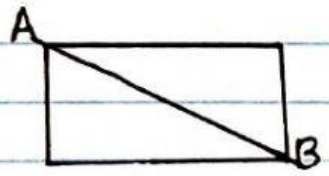
15. Tim has 10 plums. Pat has 2 more than Tim. Express the number of Pat's plums to Tim's as a ratio.

_____ : _____

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. _____

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

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

24. $5\frac{1}{3} + \frac{4}{9} =$ _____

25. $\frac{7}{8} \div 1\frac{1}{4} =$ _____

26. How many eighths are in 4 wholes? _____ eighths

27. 40 pupils are in my class. On Monday $2/5$ were present. How many pupils were absent? _____ pupils.

28. 158·09 − 72·4 = _____

29. One bag weighs 2·7 kg. Another bag weighs 1·3 kg more. What is the weight of the 2 bags altogether?

_____ kg

30. How many pieces of string, each 0·4 m can be cut from a longer piece which is 3·2 metres?

_____ pieces

31. Jane got 54 out of 60 spelling words right. What percentage was incorrect?

_____ %

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? _____

33. A vendor sold 80 fruits in packs. Each small pack contained 3 plums and 5 dunks.
How many dunks were sold in all? _____ 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? _____ p.m.

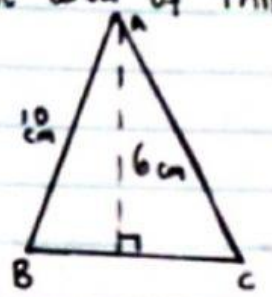
35. How many cups, each holding 200 mL, may be filled from a jug containing 5 Litres?

_____ 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 $24cm^2$.

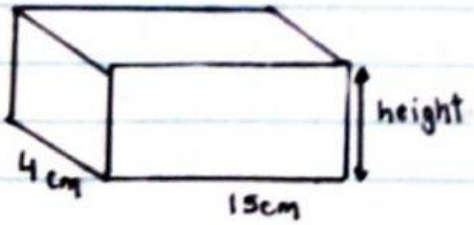


How long is BC? _____ cm

(38) The radius of a circle is 6·5cm. How long is its diameter?

_____ cm

(39) The capacity of this cuboid is $180cm^3$. Calculate its height.



_____ cm

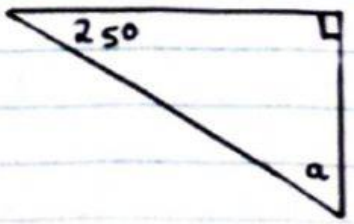
(40) Disposable masks are sold in packs of 5 for \$10· a pack, or singly where 1 mask costs \$2·50.
How much will I save by buying 1 pack instead of 5 single masks?

\$ _____

(41) Sam swam around the pool 10 times. The distance all around the pool is 150m. How far, in Km, did he swim?

_____ km

(42)

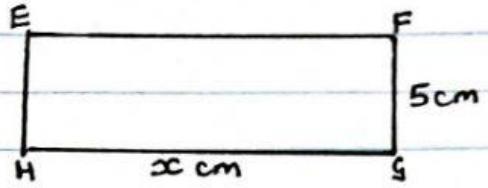


angle a = _____ degrees

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 ½ hour to pick 1800 cherries. How many cherries were picked per minute?

_____ cherries.

SECTION C

46. There are 240 ~~pupils~~ people 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 3/5 of the remainder.
What fraction was left? _____

48. Of the buttons in a jar, 3/8 are red, ½ 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?

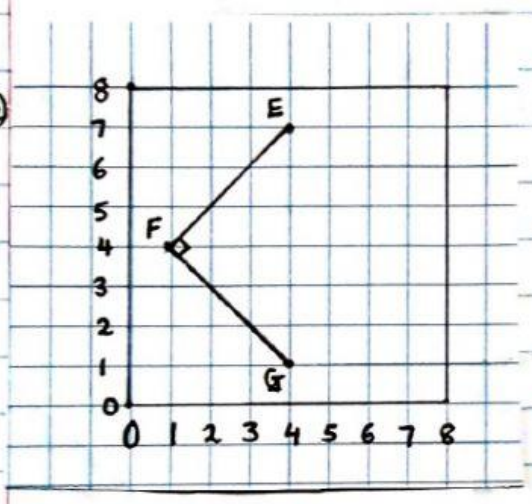
_____ %

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

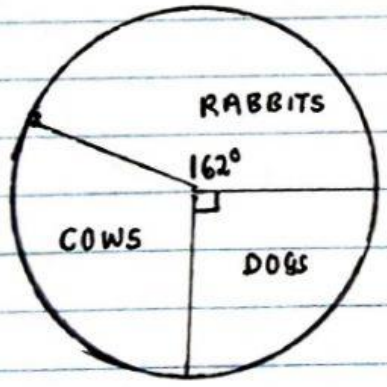


a) What are the coordinates of F? _____

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

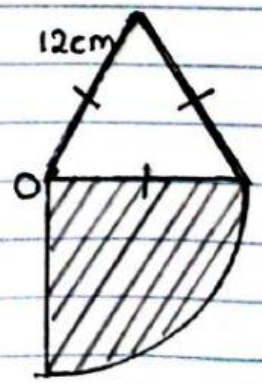
c) Write the coordinates of the point which will form a square with EFG. _____

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