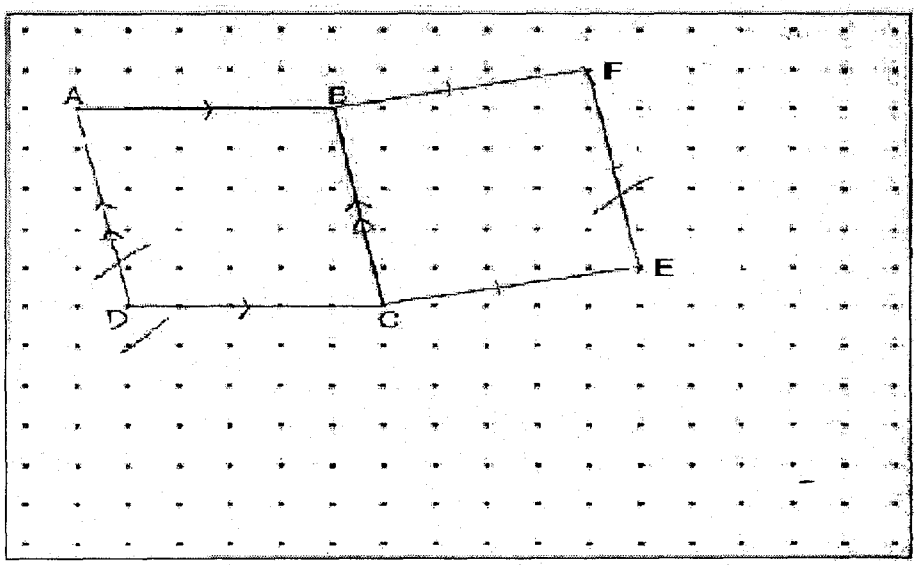
Q20)	10
Q21)	30
Q22)	a)\$30.40 – \$16.60 = \$13.80 b)\$30.40 x 40 = \$1216
Q23)	7h 15min
Q24)	500 – 400 = 100 $\frac{100}{500}$x 100 = 20%
Q25)	2790 ÷ 9 = 308
Q26)	$\frac{1}{2} + \frac{1}{5} = \frac{5}{10} + \frac{2}{10} = \frac{7}{10} l$
Q27)	$\frac{3}{4} = \frac{24}{32}$ $\frac{1}{8} = \frac{4}{32}$ 24 ÷ 4 = 6
Q28)	∠ZWY = ∠ZYW 180° – 70° = 110° 110° ÷ 2 = 55° 55° – 35° = 20°
Q29)	180° – (107° + 53°) = 20°
Q30)	5 × 3 = 15 5 + 1 = 6 6 x 2 = 12 15 x 2 = 30 30 + 12 = 42m

PAPER 2

Q1)	A : B 1 : 5 5 – 1 = 4 8 ÷4 = 2
Q2)	A B 36min→tank 72min →tank 1min →$\frac{1}{36}$ tank 1min →$\frac{1}{72}$ tank In 1min →A+B =$\frac{1}{36} + \frac{1}{72} = \frac{2}{72} + \frac{1}{72} = \frac{3}{72}$ = 72 ÷ 3 = 24 min

Solutions at https://www.sgtestpaper.com/

Q3)	17 x 3 = 51 51 – 21 = 30 30 ÷ 2 = 15 15 – 1 = 14
Q4)	$\frac{101.8}{100}$x $50000 = $50900
Q5)	∠PSR = 180° – 76° = 104° ∠QUS = 180° – 80° = 100° ∠STU = 180° – 80° – 76° = 24°
Q6)	a)90 – 70 = 20 fruits b)120 – 4 = 116 116 ÷ 2 = 58 oranges c)70 + 90 + 120 = 280 360 – 280 = 80fruits
Q7)	a)180° – (76° + 29°) = 75° 75° ÷ 2 = 37.5° b)37.5° x 2 = 75° 180° – 75° = 105° 180° – 105° = 75° 180° – 75° – 76° = 29°
Q8)	a)24 x 3.14 x $\frac{1}{2}$ = 37.68 24 ÷ 2 = 12 12 x 3.14 = 37.68 37.68 + 37.68 =75.36 cm b)12 x 12 x 3.14 x $\frac{1}{2}$ = 226.08 12 ÷ 2 = 6 6 x 6 x 3.14 = 113.04 113.04 + 226.08 = 339.12cm²
Q9)	

Q10)

$23.60 x 3 = $70.80
$70.80 – $36.40 = $34.40
$550.40 ÷ $34.40 = 16 footballs

Q11)

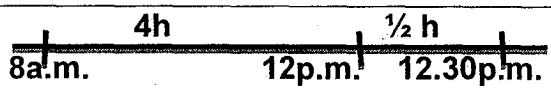
44 ÷ 4 = 11
11 x 5 = 55
55 – 6 = 49 boys

Q12)

30 – 4 = 26
26 + 10 =36
36 ÷ 2 = 18
18 x 3 = 54

Q13)

10 x 3 = 30
15 x 4 = 60
60 + 30 = 90
90 ÷ 2 = 45
45 ÷ 10 = $4\frac{1}{2}$h



ANS: 12.30p.m.

Q14)

a)64 – 22 = 42
42 x 16 x 16 = 10752
10752cm³→ 10.752
b)10752 ÷ 64 ÷ 16 = 10.5cm

Q15)

a)2 x 2 x 2 = 8
8 x 3 = 24 cubes

b)$\sqrt[3]{1728}$= 12
12 ÷ 2 = 6
6 ÷ 2 = 3cm

Q16)

a)40 x 5 = 200
60 x 3 = 180
200 = 180 = 20

b) R : B
(6 x 20) : (5 x 20)

$120 \div 40 = 3$
$100 \div 50 = 2$

$\frac{2}{3+2} = \frac{2}{5}$

Q17)

a)9 + 5 = 14
5 – 3 = 2
14 ÷ 2 = 7
7 x 8 = 56 red buttons

b)

True	False	Not
	√	
√		