

- C. 175 ÷ 16
- O D. 180 ÷ 16

HKEP Primary Maths Power Up 6A

	2		
Questions			•
6. Which of the following has the smalle	est result?		
○ A. 90 ÷ 12	○ B. 9÷12		
\bigcirc C. 0.9 ÷ 12	○ D. 0.09 ÷	12	
7. If $\Rightarrow 10 = 0.8$, what is the result of A . 0.08 C. 8	 ★ ± 100? B. 0.8 D. 80 	Tips Apply the properties of 7	'+ 10' and '+ 100'.
8. Each kilogram of walnuts costs \$36. of walnuts does she buy?	Mum spends \$97.2	on walnuts. How mar	ıy kilograms
Answer: kg			

- A melon weighs 4 kg. Mum cuts the melon into 16 pieces of the same size. Each piece of melon weighs _____ kg.
- 10. Dad spends 75 dollars on half a dozen chicken pies. How much does each chicken pie cost? (Show your working)

11. A shop assistant pours the oil from the big oil bottle into small bottles, as shown on the right. He can fill up ______ small bottles at most. He will have _____ L of oil left.



12. The length of a rectangular workshop is 40 m. Its area is 864 m². What is its width? (Show your working)

Connative Assessment 2	
 Learning Objectives ① Applications of percentages ② Capacity and volume ③ Circumference ④ Area of circles 	Self-Assessment
1. 39% of 600 is	Correct Incorrect
2. 45 is % of 250.	
 3. There are 75 cheesecakes and 12 green tea cakes in a cake shop. (a) What percentage of the number of green tea cakes is the number of cheesecakes? Answer: 	0
 (b) What percentage of the number of cheesecakes is the number of green tea cakes? Answer: 	
4. When 140 is increased by 35%, the result is	0
 5. A rectangular flower bed is 9 m long and 6 m wide. When its length is increased by 30%, what is its new area? A. 11.7 m² B. 16.2 m² C. 54 m² D. 70.2 m² 	
 There are 160 seats in an aeroplane. 27.5% of them are business seats. The remaining are economy seats. There are more economy seats than business seats. 	

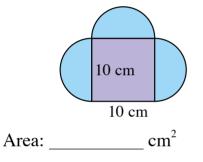
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16. Complete the table below. (Take $\pi = 3.14$)

Circle	Radius	Diameter	Area
Х	7 cm		
Z		60 m	

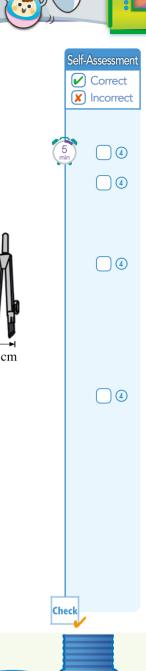
- 17. Use the pair of compasses on the right to draw a circle. What is the area of the circle? (Take $\pi = 3.14$)
 - \bigcirc A. 12.56 cm²
 - \bigcirc B. 25.12 cm²
 - \bigcirc C. 50.24 cm²
 - O D. 200.96 cm^2

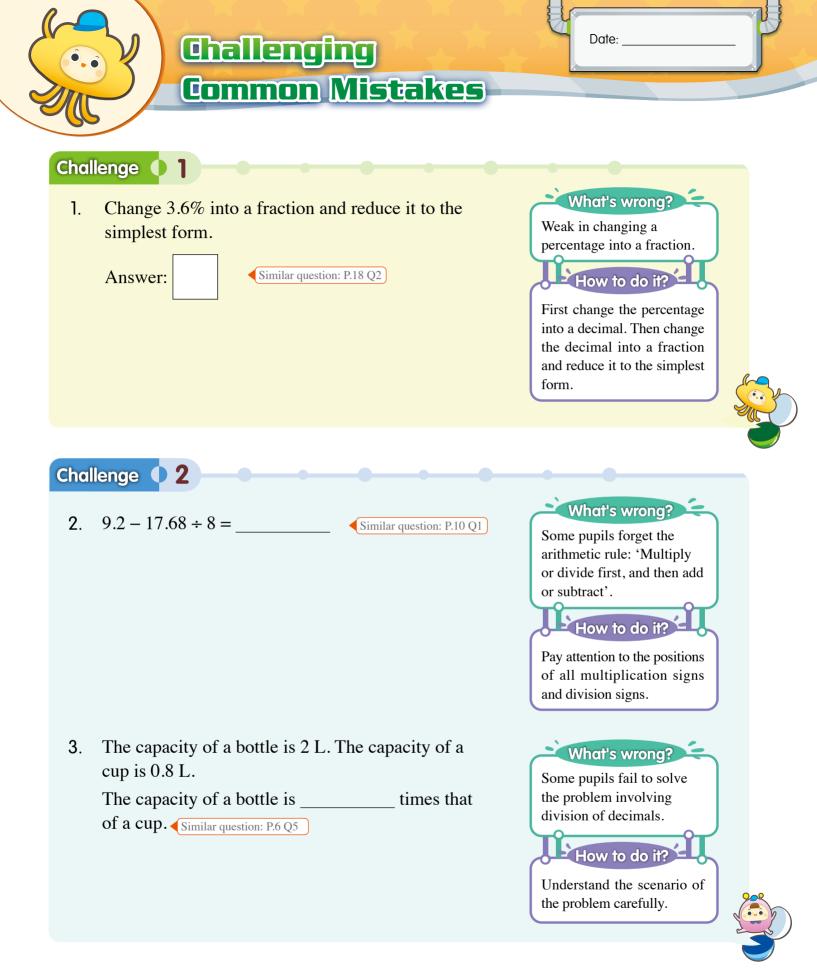
18. Find the area of the coloured region below. (Take $\pi = 3.14$)



	Self-Assessment Table			
(Fair	Good	Great
	① Applications of percentages	(0-2)	(3–5)	(6–7)
	② Capacity and volume	(0–1)	(2–3)	(4)
٦	③ Circumference	(0-2)	(3–4)	(5–6)
	④ Area of circles	(0 –1)	(2–3)	(4)

(Based on the number of questions that answered correctly, colour the appropriate face.)





Glossary

Division of decimals

division	除法
quotient	商
remainder	餘數
P is divided by Q	P 除以 Q
is approximately equal to	大約等於
round off	四捨五入
round off to the nearest tenth	取至十分位
round off to the nearest hundredth	取至百分位
mixed operations	四則混合運算

Interconversion between decimals and fractions

change / convert 化為

Average

average	平均數
datum (plural: data)	數據

Percentages	
percentage	百分數

Applications of percentages

part	部分
whole	整體

Capacity and volume

capacity	容量
volume	體積
millilitre (mL)	毫升 (mL)
litre (L)	升(L)
cubic centimetre (cm ³)	立方厘米 (cm ³)
cubic metre (m^3)	立方米 (m ³)
water displacement method	排水法
irregular solid	不規則立體
tank	水缸
measuring cup	量杯
overflow vessel	排水桶



