

6.08

Week 22 Test

## Week 22 Test

1.  $6.08 + 0.02 + 0.9 = 7.00$
2.  $0.33 > 0.3$ . True or false? **True**  
 $675\text{m} - 3\text{m } 48\text{cm}$
3.  $6\frac{3}{4}\text{m} - 3\text{m } 48\text{cm} = 3.27\text{m}$
4. Is 564 divisible by 8? **no**  $8 \overline{)564}$   
 $070r$
5. 3 concert tickets cost €15.  
The price of 1 is **€5**
6.  $52 - 32 = 20$
7. Seven-ninths of a number is 35.  
Find the whole number.  $\div \frac{7}{9} = 35$   
**45**
8. 14 minutes later than **5:56**  
is **6:10**
9. Write the largest decimal fraction possible with two decimal places using the digits 7, 4, 2 and 1. **74.21**
10. A parallelogram has 2 pairs of **parallel** lines.
11. The date a fortnight before the 28th of April is **14th April**
12. Write seven thousand and seventeen as a numeral. **7,017**
13. Double 75. **150**
14. Cut 70cm of rope into 5 equal pieces.  
What is the length of each piece? **14cm**
15. Count in twelfths up to 1 **use fraction wall**  
(use lowest terms where possible).  
 $\frac{1}{12}, \frac{2}{12}, \frac{3}{12}, \frac{4}{12}, \frac{5}{12}, \frac{6}{12}, \frac{7}{12}, \frac{8}{12}, \frac{9}{12}, \frac{10}{12}, \frac{11}{12}, 1$
16.  $\frac{7}{9}$  of 45 = **35**
17.  $3\frac{1}{5}$  hours = **192** minutes
18. What is 0.75 of 75? **56.25**  $\frac{3}{4}$  of 75
19. How many vertices has a pentagonal pyramid? **6**
20. One side of an octagon measures 4cm. Its perimeter is **32cm**



## Problems

21. Millie and Will each buy a drink.  
Will gets 35c change from €2 and Millie gets €3.65 change from €5. How much did the drinks cost altogether? **€3**  
Will's drink: €1.65  
Millie's drink: €1.35  
**€3.00**
22. Susan cycled 5.6km every day for a week.  
How far did she cycle that week? **39.2km**
23. After a basketball match, 10 players and a **11 people** trainer drank 0.5 litres of water each.  
There were 5.5 litres left. How many litres of water were there at the start? **11**
24. At the funfair, in order to be allowed on the rollercoaster, you have to be over 1.5m tall. David is 161cm tall, Bob is 1m 48cm tall and Mark is 1.35m tall.  
Who can ride on the rollercoaster? **David**
25. I am thinking of a number. I divide it by 2, add 4 and multiply by 5.  
I get an answer of 45. What number was I thinking of at the beginning? **10**

$$\square \div 2 + 4 \times 5 = 45$$

$$45 \div 5 - 4 \times 2 = 10$$

## Week 23 Test

- $2\frac{3}{4}m + 2\frac{9}{10}m = 5.65m$
- How many metres in  $2\frac{1}{5}km$ ?  $2,200m$
- Circle the odd one out.  
 $\frac{1}{2}$   $\frac{1}{3}$   $\frac{3}{9}$   $\frac{4}{12}$  ✓
- How many weeks in a year?  $52$  ✓
- What is 0.5 of 50?  $25$
- 1,006, 1,004, 1,002,  $1,000$ ,  $998$
- $2\frac{3}{10}$  hours =  $2$  hours  $18$  minutes
- If it takes me 20 minutes to walk a kilometre, how long would it take me to walk 10km?  
 $3$  hours  $20$  minutes
- $67 \div 8 = 8$  R  $3$
- $\begin{array}{r} 540 \\ - 348 \\ \hline 242 \end{array}$
- Share €4.80 among 6 people.  
Each person gets  $80c$
- 250ml of orange juice costs €0.40.  
 $1\frac{1}{2}$  litres cost  $€2.40$
- Express 12 as a fraction of 30 in its lowest terms.  $\frac{2}{5}$   $\frac{4}{8}$   $\frac{3}{15}$
- 6 children get 7 cards with 4 remaining. How many cards?  $46$   
 $64 \div 2 =$
- $\frac{1}{8}$  of a number is 8.  
What is  $\frac{1}{2}$  that number?  $32$
- One side of a pentagon is 5cm.  
Its perimeter is  $25cm$  
- $1.3 > 1\frac{3}{100}$ . True or false?  $1.03$  **True**
- Write the number two thousand three hundred and fourteen.  $2,314$
- Order from smallest to largest:  
 $\frac{1}{5}, \frac{3}{10}, \frac{4}{5}, \frac{1}{10}$   
 $\frac{1}{10}, \frac{1}{5}, \frac{3}{10}, \frac{4}{5}$
- What type of angle is shown? **right** 

## Problems

- At the funfair, there was a queue of 63 people for the rollercoaster ride. The eight rollercoaster carriages hold six children per carriage.  
How many children got on this ride?  $48$   
How many were left behind for the next ride?  $15$
- A radio costs €54 and a portable TV costs 3 times as much.  $TV = €162$   
What is the cost of a radio and a TV together?  $€216$
- Four people shared a prize of €8,300. The first got €2,765, the second got €3,348 and the third €1,456.  
How much did the fourth person get?  $€731$
- What is  $\frac{1}{2}$  of a  $\frac{1}{4}$  of 96?  $12$   
 $24$
- What is the difference between  $\frac{3}{4}$  of 40 and  $0.7$  of 40?  $2$   
 $30$   $28$