# 20 Counting in tens

The mice have nibbled through some tens number tracks.

1. Write the correct number in each space.

240 250 260

370 380 390 400

80 90 100

980 990 1 000

800 810 820

450 460 470

480 490 500

290 300 310

590 600 610

420 430 440

# Building houses

**The three little pigs are building their houses. Can you help them work out what they need?**

1. This little pig is building a house of straw. Draw a line of straw to join the two number sentences that have the same answer.

| | |
|---|---|
| 19 + 3 | 39 + 1 + 4 |
| 29 + 5 | 9 + 1 + 7 |
| 9 + 8 | 19 + 1 + 8 |
| 39 + 5 | 19 + 1 + 2 |
| 49 + 2 | 49 + 1 + 1 |
| 19 + 9 | 29 + 1 + 4 |

2. This little pig is building a house of sticks. Complete the number sentences.

19 + 6 = 19 + 1 + 5

39 + 4 = 39 + 1 + 3

9 + 5 = 9 + 1 + 4

29 + 7 = 29 + 1 + 6

19 + 8 = 19 + 1 + 7

# Heavy or light?

**One way to decide whether objects are heavy or light is by holding them in your hands and comparing how they feel.**


1. Collect the pairs of objects below.
2. Hold one in each hand.
3. Decide which one feels heavy and which one feels light.
4. Write heavy or light under each picture.

| | |
|---|---|
| teabag  light | pillow  heavy |
| book  heavy | pencil  light |
| shoe  heavy | sock  light |
| cellphone  heavy | envelope  light |

## 1 Fill in the math-cross.

| | | | |
|---|---|---|---|
| a 1 | b 8 | 6 | |
| c 2 | 0 | | d 1 |
| 0 | | e 6 | 0 |
| | f 1 | 5 | 0 |

Across:

a) 2 fifty; 2 twenty; 3 ten; 2 five and 6 one cent coins is 186 cents.

c) There are 20 five cent coins in a rand.

e) There are 60 five cent coins in three rand.

f) There are 150 two cent coins in R3,00.

Down:

a) For R2,40 you will get 120 two-cent coins.

b) For R4,00 I will get 80 five-cent coins.

d) There are 100 cents in a rand.

e) Thirteen five-cent coins has a total value of 65 cents.

## 2 Fill in the missing amounts.

| | | | | | | |
|---|---|---|---|---|---|---|
| I had | R1,00 | 50c | R2,00 | R1,00 | R2,00 | R2,00 |
| I spent | 12c | 21c | 85c | 39c | R1,05 | 24c |
| My change | 88c | 29c | R1,15 | 61c | 95c | R1,76 |
| I spend | 49c | 17c | 64c | 44c | 87c | R1,29 |
| Now I have | 39c | 12c | 51c | 17c | 8c | 47c |

Resource 4

# Difference between two numbers

1. Complete.

| | | |
|---|---|---|
| Subtract 20 from 24 | 24 - 20 | 4 |
| 35 minus 9 | 35 - 9 | 26 |
| Take 17 from 37 | 37 - 17 | 20 |
| 28 subtract 21 | 28 - 21 | 7 |
| 13 fewer than 43 | 43 - 13 | 30 |
| 21 take away 11 | 21 - 11 | 10 |
| 40 minus 5 | 40 - 5 | 35 |
| The difference between 50 and 22 | 50-22 | 28 |
| 20 less than 100 | 100 - 20 | 80 |
| The difference between 100 and 80 | 100 - 80 | 20 |

# Time twisters

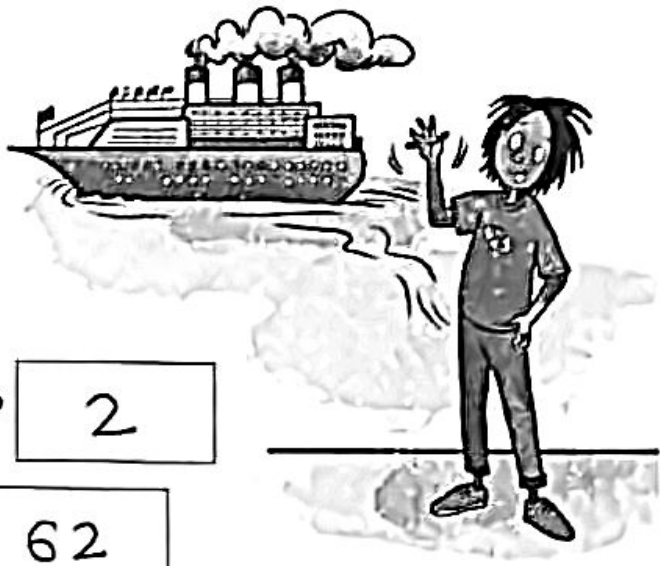
**Are you ready for a time quiz? Work out the answers and see whether you are a time whizz!**

1. Jody went away for the weekend. She left on Friday morning at six o'clock. She arrived back home at noon on Saturday.

   12pm

   a. How many days was Jody away from home? [ 1 ]

   b. How many hours was she away from home? [ 30hrs ]



2. Jody's granny went on a cruise. She left on 1 June and got back on 1 September.

   a. How many months was she away? [ 2 ]

   b. How many days was she away? [ 62 ]

3. Jody baked a pie. She started baking at a quarter past ten in the morning. She took the pie out of the oven at one o'clock in the afternoon.

   a. How many minutes did it take to prepare and bake the pie?

   [ ] 165 minutes

   b. Write this in hours and minutes.

   2h 45 min

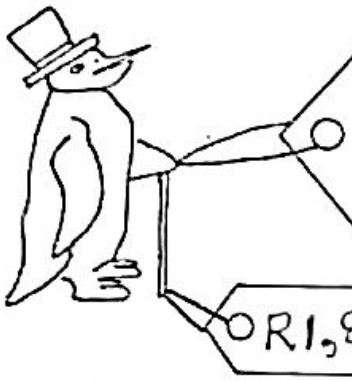
# Cut the cake

**This is Jaco's birthday cake.**


Complete the sentences.

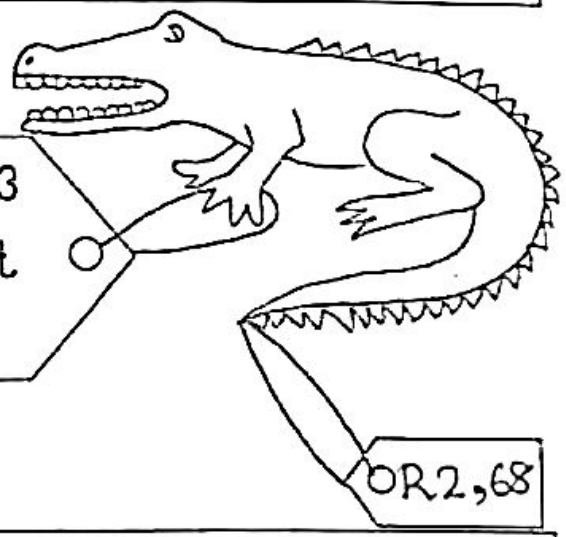
1. The cake has been cut into [ 8 ] pieces.
2. The cake is shared between two people.
   Each person will get [ $\frac{1}{2}$ ] of the cake.
3. The cake is shared between four people.
   Each person will get [ $\frac{1}{4}$ ] of the cake.
4. If Jaco eats three slices, he has eaten [ $\frac{3}{8}$ ] of the cake.
5. If he eats two slices, he has eaten [ $\frac{2}{8}$ ] of the cake.
6. If he eats six slices, he has eaten [ $\frac{6}{8}$ ] of the cake.
7. If he eats four slices, he has eaten [ $\frac{4}{8}$ ] of the cake.
8. If he eats $\frac{8}{8}$ of the cake, he has eaten [ Whole / 1 ] cake!

1 How much does each toy cost?



I cost: 3 fifty cent coins, 3 ten cent coins and 3 two cent coins.

R1,86



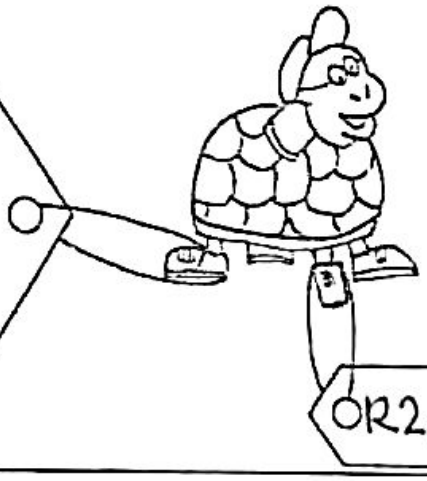
I cost: 4 fifty cent coins, 3 tenty cent coins, 4 two cent coins and 1 one cent coin.

R2,68

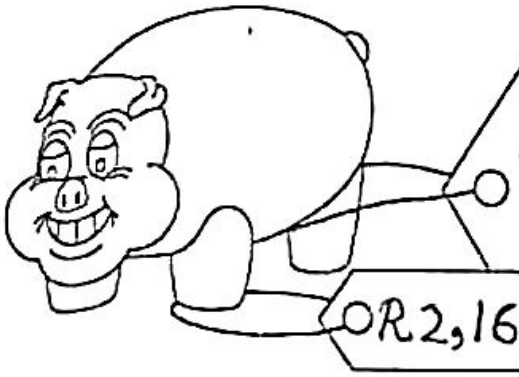
I cost: 3 fifty cent coins, 4 twenty cent coins, a ten cent coin, a five cent coin and 2 two cent coins.

R2,47

I cost: 4 fifty cent coins, 4 twenty cent coins, a ten cent coin, a five cent coin and 3 one cent coins.



R2,98

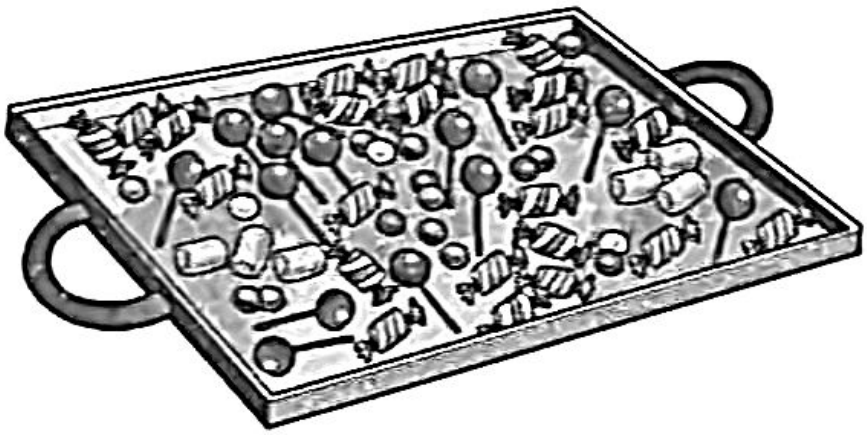


R2,16

I cost: 3 fifty cent coins, 2 twenty cent coins, 2 ten cent coins, a five cent coin and a one cent coin.

# Sweet treats

1. Can you find four different types of sweets on the tray?



I can see:

| | | | | | |
|---|---|---|---|---|---|
| 14 | lollipops | | 22 | sweets | |
| 17 | jelly beans | | 6 | marshmallows | |

2. Help Emma to share these sweets between different groups of children. How many does each child get? Write it in the first block. How many are left? Write it in the second block.

| | | | | | |
|---|---|---|---|---|---|
| 14 ÷ 2 = | 7 | 0 | 14 ÷ 7 = | 2 | 0 |
| 17 ÷ 3 = | 5 | 2 | 17 ÷ 7 = | 2 | 3 |
| 22 ÷ 2 = | 11 | 0 | 22 ÷ 4 = | 5 | 2 |
| 6 ÷ 3 = | 2 | 0 | 6 ÷ 2 = | 3 | 0 |
| 14 ÷ 4 = | 3 | 2 | 14 ÷ 8 = | 1 | 6 |

# Long Division

① $7\overline{)4}$ — 0 — 4 remainder

② $3\overline{)34}$ — 3 ↓ — 04 — 3 — 1 remainder.

③ $8\overline{)74}$ — 0 — 74 — 72 — 02 remainder.

④ $5\overline{)9}$ — 5 — 4 remainder.

⑤ $4\overline{)39}$ — 0 — 39 — 36 — 3 remainder

⑥ $6\overline{)52}$ — 0 — 52 — 48 — 4 remainder

⑦ $7\overline{)93}$ — 7 ↓ — 23 — 21 — 2 remainder

⑧ $7\overline{)20}$ — 0 — 20 — 14 — 6 remainder.

⑨ $8\overline{)85}$ — 8 ↓ — 05 — 0 — 5 remainder.

⑩ $5\overline{)87}$ — 5 ↓ — 37 — 35 — 2 rem.

⑪ $7\overline{)88}$ — 7 ↓ — 18 — 14 — 4 rem.

⑫ $3\overline{)55}$ — 3 ↓ — 25 — 24 — 1 rem

⑬ $5\overline{)13}$ — 0 — 13 — 10 — 3 rem.

⑭ $4\overline{)54}$ — 4 — 14 — 12 — 2 rem.

⑮ $9\overline{)91}$ — 9 ↓ — 01 rem.

⑯ $3\overline{)89}$ — 6 ↓ — 29 — 27 — 2 rem

⑰ $4\overline{)70}$ — 4 ↓ — 30 — 28 — 2 rem.

⑱ $4\overline{)26}$ — 0 — 26 — 24 — 2 rem

⑲ $9\overline{)88}$ — 0 — 88 — 81 — 7 rem.

# Continuation of Long division.

⑳
$$\begin{array}{r} \times 07 \\ 9\overline{)68} \\ -0\downarrow \\ \hline 68 \\ 63 \\ \hline 5 \end{array}$$
remainder

㉑
$$\begin{array}{r} \times 17 \\ 4\overline{)68} \\ -4\downarrow \\ \hline 28 \\ -28 \\ \hline 0 \end{array}$$

# Repeated Addition

① $2+2+2+2=8$
$2 \times 4 = 8$

② $2+2+2+2+2=10$
$2 \times 5 = 10$

③ $2+2+2=6$
$2 \times 3 = 6$

# Fractions

1) $\frac{1}{5}$ 2) $\frac{1}{4}$ 3) $\frac{2}{10}$ 4) $\frac{7}{8}$ 5) $\frac{5}{6}$

6) $\frac{1}{2}$ 7) $\frac{3}{8}$ 8) $\frac{3}{4}$ 9) $\frac{3}{6}=\frac{1}{2}$ 10) $\frac{1}{3}$

11) $\frac{3}{10}$ 12) $\frac{4}{5}$ 13) $\frac{6}{10}$ 14) $\frac{6}{8}$ 15) $\frac{2}{3}$

16) $\frac{4}{6}$ 17) $\frac{2}{6}$ 18) $\frac{5}{8}$ 19) $\frac{2}{4}=\frac{1}{2}$ 20) $\frac{1}{8}$