



Investigation 2 Show time

Congratulations, you have won two free passes to the show!

You and a friend have a total of \$60 to make it a fun-filled day by buying show bags, ride tickets and food.

Your task is to choose how best to spend your money.



Topics

Before you start the Investigation you need to know...

- | | |
|--|---|
| <input type="checkbox"/> NA9 Addition facts p48 | <input type="checkbox"/> NA14 Subtraction to two digits (with regrouping)..... p58 |
| <input type="checkbox"/> NA10 Addition to two digits (with regrouping)..... p50 | <input type="checkbox"/> NA27 Do I have enough money? p84 |
| <input type="checkbox"/> NA12 Subtraction facts..... p54 | <input type="checkbox"/> MG7 Clocks – quarter past, half past.....p104 |
| <input type="checkbox"/> NA13 Subtraction to two digits (no regrouping) p56 | <input type="checkbox"/> MG8 Clocks – quarter past, quarter top106 |

Understanding the Investigation

I Read and discuss.

Read and discuss the Investigation introduction above.
What is the Investigation asking you to do?

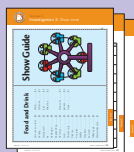
Make sure you understand the meanings of: *best value*, *budget*, *change*, *expensive*, *final*, *total* and *wish list*.

Teacher note

- Comprehensive lesson notes, suggestions and resources are available in *iMaths 2 Teacher Book*.
- The BLMs and Tear-outs for this Investigation can be downloaded from www.imathsteachers.com.au.



Internet access



Tear-outs 2–5



BLMs 2.1–2.2



Play money



A3 paper



Calculator

2 It's show time.

Discuss what you know about your local show.

Read and discuss **Tear-out 2, Show guide** (pp175–176), and the *Program of events* in the box on the right.

Using maths

3 Plan your day at the show.

In pairs, choose your favourite show bags, rides, food and events.

Use **Tear-out 3, My plan for a day at the show** (p177), to list the time of each event you want to attend. Then, list the times you will buy your show bags, go on rides and eat.

This will be the plan for your day at the show.

4 Make a wish list.

Record the prices of the show bags, ride tickets and food you want to buy on **Tear-out 4, Wish list** (p179).

Find the total cost of your wish list.

5 Plan a \$60 budget.

Use notes and coins to show ways to make \$60. How many combinations can you find?

Look at your wish list. Will all those items cost more than \$60 or less than \$60?

Use **Tear-out 5** (p181) to create a final budget. Try to spend as close to \$60 as you can.

Reasoning and reporting

6 Value for money.

Present and describe the plan for your day at the show, your wish list and your final budget.

How much did you spend? Was there any change? How much?

Justify your final choices.

imathskids.com.au



Go to **imathskids.com.au** –

The Investigation 2 area contains the websites, BLMs and Tear-outs that you need to complete this Investigation.

Program of events	
8:15	• Gates open
8:30	• Wood chopping • Pet parade
9:45	• African music • Sheep shearing • Puppet show
11:15	• Talent quest • Sand sculpture competition • Championship dog show
1:30	• Didgeridoo workshop • Doll making • Marvin's Magic Show
3:45	• Monster trucks and motor cross • School bands • Spear and boomerang throwing competition
6:30	• Grand parade • Fireworks
All day events	• Show jumping • Pet nursery • Art and craft display • Face painting • Camel riding • Car models display

Inquiry

Use your show guide or a show website to create your own, value for money show bag. Justify your choices.