

1) Estimate answers to the following calculations using your knowledge of the nearest 100 or 10 multiple:



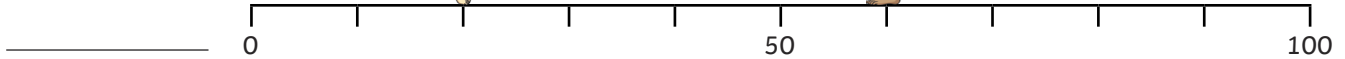
a)  $302 - 151$  \_\_\_\_\_

b)  $498 + 242$  \_\_\_\_\_

c)  $729 + 32$  \_\_\_\_\_

2) 2 acrobats land at different distances across the big top as seen here in metres:

Estimate how far apart they landed in metres.



1) In the circus big top, 322 people watched the evening trapeze show and 268 watched the daytime clown show.



a) Which is the best estimate for the total amount of people in the audiences that day?

590

550

620

790

500

b) Explain your working:

\_\_\_\_\_

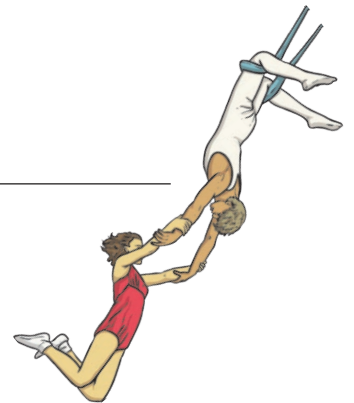
2) Which of the following calculations could have an estimated answer of 530?

$363 + 161$

$151 + 378$

$632 - 99$

$578 - 49$



1) The big top has a possible 458 tickets available each night. 381 tickets have been sold so far for tonight.



The ringmaster wants to know roughly how many tickets are left to sell. He works out that  $450 - 380 = 70$  and says that there are roughly 70 tickets left.

Do you agree with his estimation? \_\_\_\_\_

Explain why: \_\_\_\_\_

2) The jugglers need roughly 170 balls for their act. Which sets of balls could they combine to get around the right amount? Find all possibilities:

