



Length (metric units)

Grade 1 Word Problems Worksheet

Daniel's teacher asked her students to measure the things inside their school bags. They had a great day measuring things with their classmates.

1. Daniel's red pen is 12 cm long, and his permanent marker is 17 cm long. Which of the two objects is the longest?
2. Daniel's pencil is 22 cm long. Randy's pencil is 16 cm long, and Gene's pencil is 15 cm long. How much longer than Gene's pencil is Daniel's pencil?
3. Gerry cuts 3 strips of tape. He uses 10 cm of tape for his notebook, 8 cm of tape for his book, and 6 cm of tape for his art project. How many centimeters of tape did he use altogether?





4. Terry has 3 books in her bag. Her reading book is 15 cm wide; her math book is 21 cm wide, and her science book is 22 cm wide. How much wider than her reading book is her math book?

5. Jem's red crayon has broken into 2 pieces. One part of it is 2 cm long, and the other part is 3 cm long. If she tapes the 2 pieces of red crayon together, how long is the red crayon then?

6. Jack's pencil case is 25 cm long. Henry's pencil case is 3 inches shorter than Jack's pencil case. How long is Henry's pencil case?



Answers

1. Daniel's permanent marker is the longest of the two objects.
2. $22 - 15 = 7$
Daniel's pencil is 7 cm longer than Gene's pencil.
3. $10 + 8 + 6 = 24$
Gerry used 24 cm of tape altogether.
4. $21 - 15 = 6$
The math book is 6 cm wider than her reading book.
5. $2 + 3 = 5$
The taped red crayon is 5 cm long.
6. $25 - 3 = 22$
Henry's pencil case is 22 cm long.