EXIT TICKET (TIMSS)
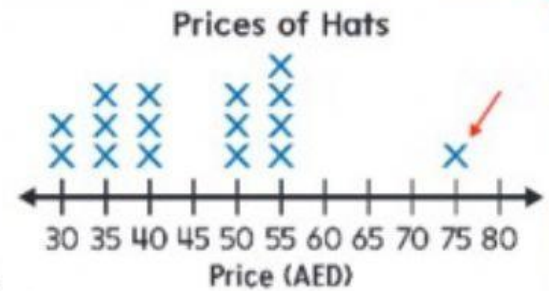
Math in My World

The line plot shows the prices of hats.

Find the median and the mode of the data.
Then use them to describe the data.

Prices of Hats

```
                      X
          X X     X X
        X X X   X X
        X X X   X X         X
    ┣━┿━┿━┿━┿━┿━┿━┿━┿━┿━┿━┫
    30 35 40 45 50 55 60 65 70 75 80
              Price (AED)
```

There are _____ numbers represented in the line plot.
The median is between the _____ and _____ pieces of data.

The two middle numbers, shown on the line plot, are _____ and
_____ . So, the median is _____ . This means that half of the
hats cost _____ AED 45 and half cost _____ AED 45.

The number that appears most often is _____ . So, the mode of the
data is _____ . This means that more hats cost _____ than any
other price.

Find the range and any outliers of the data.
Then describe the data using them.

Range = greatest value − least value

Range = 75 − 30

Range = 45

Talk MATH

What are the advantages
of representing data in a
line plot rather than
in a table?

The range of the prices is _____ . The price AED 75 is much higher
than the rest of the prices. So, _____ is an outlier.