# school nova™

# Math 2   Homework 7

**1**

Find the sum using the commutative property of addition.

5 + 15 + 25 + 35 + 45+ 55 + 65+ 75 + 85 + 95 = _____

**2**

Replace shapes with numbers to get an equality in each case.

⬡△ + △⬡ = 77          △△ + ◯⬡ = 77

▢◯ + ◯▢ = 77          ◯◯ + ▢▢ = 77

⬠▢ + ▢⬠ = 77          ▢▢ + ⬠⬠ = 77

1. *Example: 34 +43 = 77*          4. _____

2. _____          5. _____

3. _____          6. _____

**3**

Use a ruler to draw a ray starting from a point O – the vertex of angle AOB. A ray should go through clouds W and M.
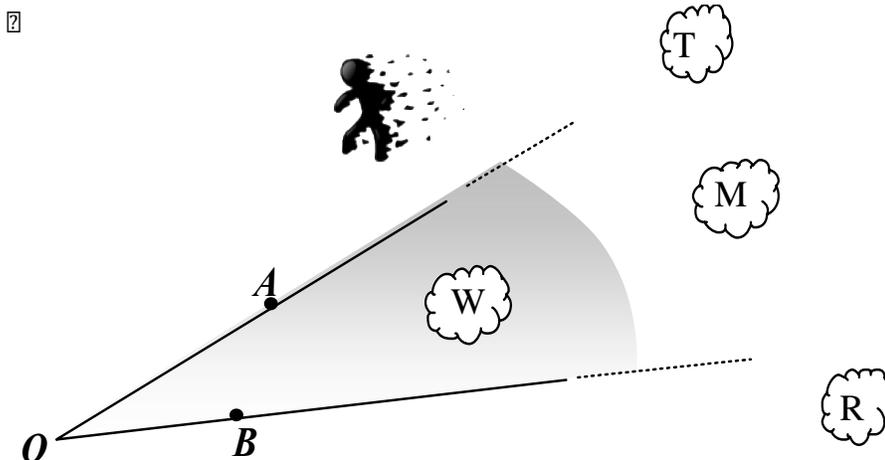
**4**

There are *3* books lying on the 1ˢᵗ shelf and *6* books lying on the 2ⁿᵈ one. How many books will remain on both shelves after *4* books are taken away?

_____                    _____

**5**

Calculate:

```
   3 4        4 9        7 0        6 5        7 2        3 3
 + 1 7      + 3 1      - 1 7      + 2 7      - 2 8      + 3 8
 ───────    ───────    ───────    ───────    ───────    ───────
```

Express in cm:

24dm = _____ cm                66dm = _____ cm                30dm = _____ cm

2dm 7cm = _____ cm            8dm 5cm = _____ cm            80dm 6cm = _____ cm

2m 3dm 4cm = _____ cm         4m 6dm 3cm = _____ cm         2m 7cm = _____ cm

**7**

Calculate using commutative property of addition:

6 + 15+ 4 = _____=_____
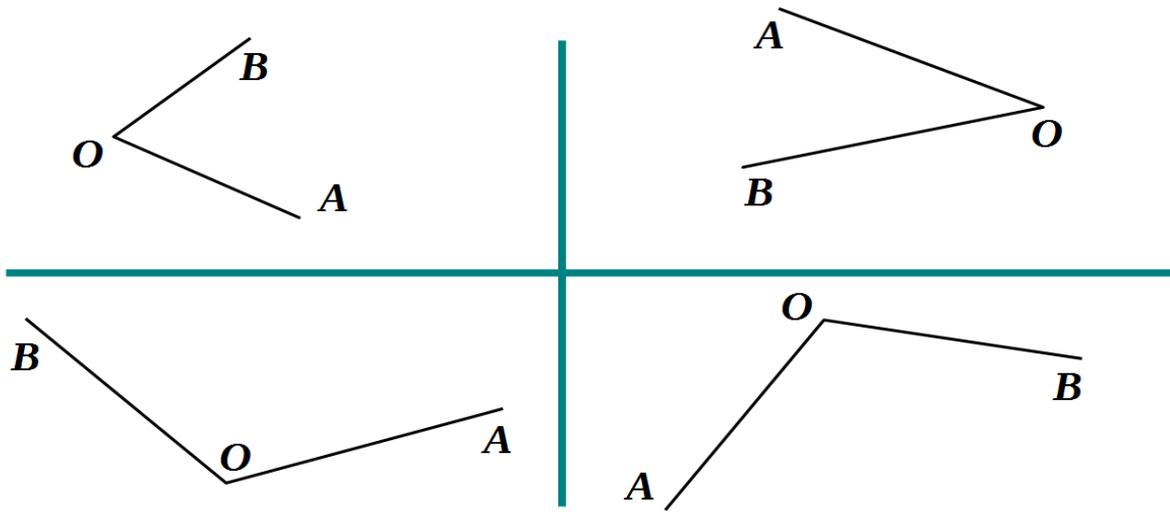
17 + 6 + 3 + 14=_____=_____

2 + 21+19 + 8 = _____=_____

1+ 35 +19 +5 =_____=_____

17 + 41+ 3 + 19 = _____=_____

28 + 13 + 12 + 7=_____=_____

**8**

Use a ruler to draw a ray $\overrightarrow{OM}$ so that ray $\overrightarrow{OB}$ would be inside the $\angle AOM$:

Solve for x (use the space below to add or subtract, copy your answer here). Use diagrams.

$19 + x = 41$                     $68 - x = 15$                     $x - 51 = 66$

X=_____                     X =_____                     X =_____

X=_____                     X = _____                     X =_____

_____    ✔                     _____    ✔                     _____    ✔

| z | + | 1 | 6 | = | 9 | 5 | | | z | - | 3 | 6 | = | 3 | 2 | | | 4 | 1 | - | z | = | 9 | 7 |
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