

Megoldás

3. osztály

1. Képezhető páros számok:

- a) 116 316 616
 136 336 636
 166 366 666

Minden helyes szám 1 pont 9 pont

b) 3-mal és 6-tal osztható számok: 336, 366, 636, 666 Számonként 1 pont 4 pont

c) A 350-hez legközelebb álló szám: **336** 1 pont **14 pont**

2.

A	B	C
28	34	45
7	18	16
50	20	60
49	142	120
17	108	71
300	230	415

$$A + B - 17 = C \quad \text{h}$$

$$B : 2 + A = C \quad \text{i}$$

$$(C - A) \cdot 2 = B \quad \text{i}$$

$$2 \cdot B = C - A \quad \text{h}$$

$$C - B + 17 = A \quad \text{h}$$

$$C - A = B : 2 \quad \text{i}$$

igaz, hamis, állítások: minden helyes megoldás 1 pont

6 pont

a táblázatba minden helyesen beírt szám 1 pont

3 pont

9 pont

3.

rajz kiegészítése

1 pont

$$9 \cdot 4 = 36 \text{ (felírás, számolás)}$$

2 pont

$$36 : 12 = 3 \text{ (felírás, számolás)}$$

2 pont

Válasz: Egy gyerek 3 szelet süteményt evett meg.

1 pont

6 pont

4. a)

4. nap 3. nap 2. nap 1. nap

$$19 \text{ db } \xrightarrow{-2} 17 \text{ db } \xrightarrow{-2} 15 \text{ db } \xrightarrow{-2} 13 \text{ db}$$

a 3 lépés 1 pont

Válasz: Az első nap 13 db almát evett.

1 pont

b)

4. nap 5. nap 6. nap 7. nap 8. nap 9. nap 10. nap

$$19 \text{ db } \xrightarrow{+2} 21 \text{ db } \xrightarrow{+2} 23 \text{ db } \xrightarrow{+2} 25 \text{ db } \xrightarrow{+2} 27 \text{ db } \xrightarrow{+2} 29 \text{ db } \xrightarrow{+2} 31 \text{ db}$$

2 pont

Válasz: A tizedik napon 31 db almát evett meg.

1 pont

c)

$$13 + 15 = 28 \quad 28 + 17 = 45 \quad 45 + 19 = 64 \quad 64 + 21 = \mathbf{85}$$

3 pont

1-2. napon 1-3. napon 1-4. napon 1-5. napon

Válasz: Az 5. napon ette meg a 85. almát.

1 pont

9 pont

- 5.
- | | | |
|------------------------------------------------|--------|----------------|
| 20 rágó + doboz = 180 g | 1 pont | |
| 15 rágó + doboz = 165 g | 1 pont | |
| $180 \text{ g} - 165 \text{ g} = 15 \text{ g}$ | 2 pont | |
| 5 rágó = 15 g | 1 pont | |
| 1 rágó = 3 g | 1 pont | |
| 20 rágó = 60 g | 1 pont | |
| $180 \text{ g} - 60 \text{ g} = 120 \text{ g}$ | 2 pont | |
| Válasz: A doboz tömege 120 g. | 1 pont | 10 pont |
-

- 6.
- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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- Minden helyes megoldás 1 pont 8 pont **8 pont**
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- 7.
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|----------|--------|---------------|
| 1. hamis | 1 pont | |
| 2. igaz | 1 pont | |
| 3. igaz | 1 pont | |
| 4. hamis | 1 pont | |
| 5. igaz | 1 pont | 5 pont |
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Természetesen a megoldókulcstól eltérő, de helyes megoldások is elfogadhatók.

összesen 61 pont