**Összefüggések – Egész számok**

Tudáspróba 5. osztály

B

1. Az oszlopdiagram öt lány magasságát ábrázolja. Töltsd ki a táblázatot, majd válaszolj a kérdésekre!

13 p

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|  | Anna | Bea | Cili | Dia | Erzsi |
| Magasság (m) |  |  |  |  |  |

Magasság(m)

Melyik lány a legmagasabb?

Cili vagy Erzsi magasabb?

Hány m a köztük lévő különbség?

ABC szerint sorba állítva őket, kik között van a legnagyobb eltérés?

Mekkora a lányok átlagos testmagassága?

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1. Töltsd ki a szabály alapján a táblázatokat!$ $

10 p

 $ \left(a-2\right):3=b$ $(x-2)∙(x-2)=y$

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| a | 8 | 14 |  | 20 |  |  | x | 5 | 7 |  | 9 |  |
| b |  |  | 8 |  | 15 |  | y |  |  | 16 |  | 64 |

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1. Ábrázold a következő számokat számegyenesen! Karikázd be azokat amelyek egymás ellentettjei! A számok: -6; 2; -3; +3; -4

6 p

1

0

1. Mely egész számok teszik igazzá a nyitott mondatokat!

6 p

$-4<∆ <3 $ $∆ $= $3∙(x-2)=12$ $ x= $

1. Számítsd ki a műveleteket!

6 p

$(+8)+(-$19) = .. $\left(-21\right)+( -14)=$ $\left(-18\right)-\left(-22\right)=$

$(-9)-(+$15) = $\left(+7\right)+\left(-5\right)+\left(+12\right)+\left(-11\right)+\left(-9\right)= $

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1. Ábrázold kooordinátarendszerben a $A\left(-3;0\right),$ $B(2;-3)$, $C(-1;3)$

9 p

jelzőszámokkal meghatározott pontokat!

Írd melléjük a betüjelüket!

Rajzolj úgy egy negyedik D pontot, hogy a négy pont által meghatározott négyszög oldalai párhuzamosak legyenek egymással!

Rajzold meg az így kapott négyszöget!

Írd le a pont jelzőszámait! $D$ ( )

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50 p