

Matematica Senza Frontiere Junior

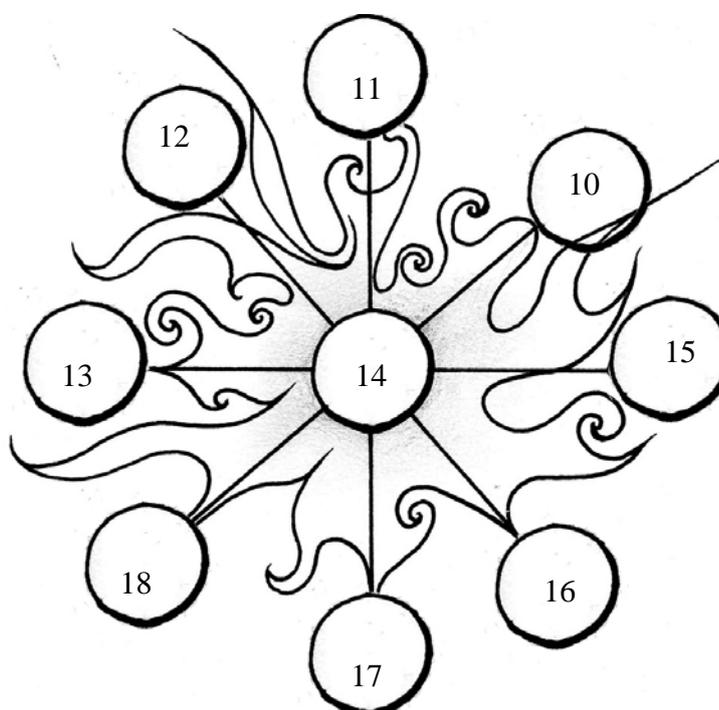
Scuola primaria – classe quinta
Scuola secondaria primo grado – classe prima

Accoglienza 2009/2010

Proposta di soluzioni

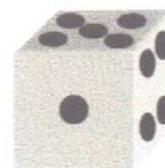
Quesito 1 :

Ecco un possibile completamento del sole



Quesito 2: Osservando un dado

Le sole facce osservabili per avere un totale di 10 punti sono:
la faccia 5, la faccia 4 e la faccia 1.



Quesito 3: Attesa

Le diverse ore possibili:

08:02 08:08 08:22 08:28 08:32
08:38 09:02 09:08 09:22

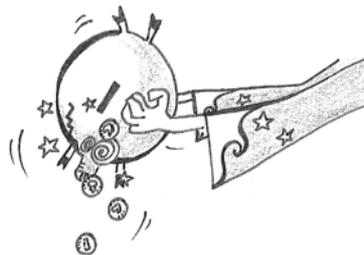
Quesito 4: Il salvadanaio di Elena

Elena ha 29 monete da 1 euro :

$$29 = (3 \times 9) + 2$$

$$29 = (4 \times 7) + 1$$

$$29 = (5 \times 5) + 4$$

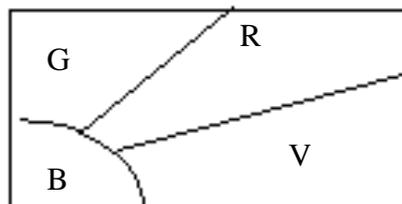
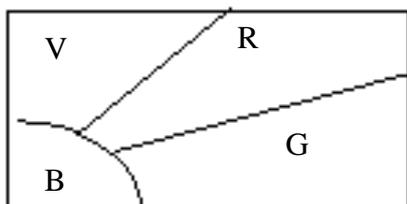
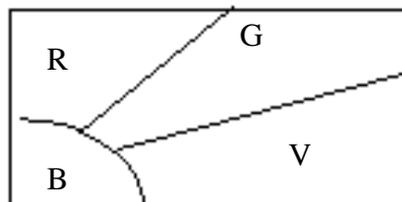


Quesito 5: La bandiera di MsF junior

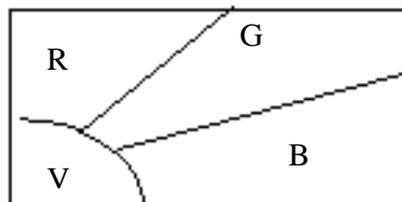
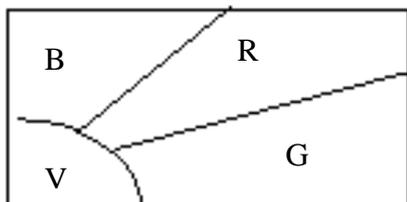
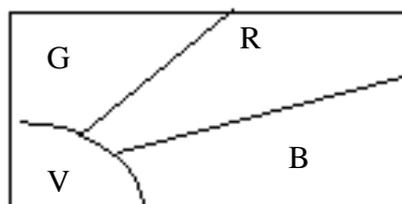
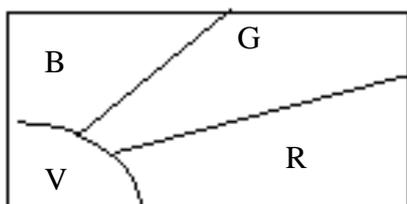
20 bandiere

Il ragionamento comincia dal colore fissato per il quarto di cerchio rispettando il comando che giallo e rosso devono essere uno accanto all'altro.

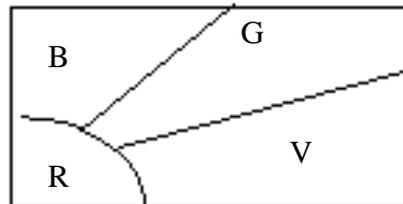
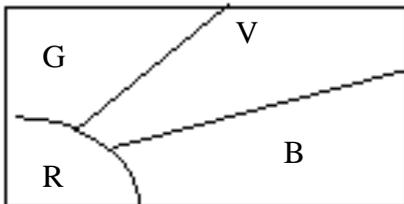
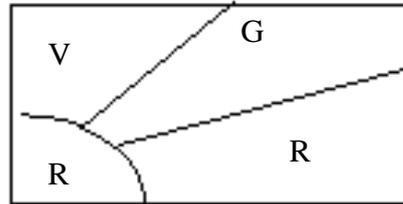
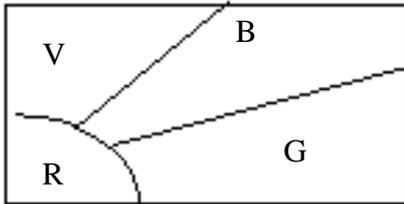
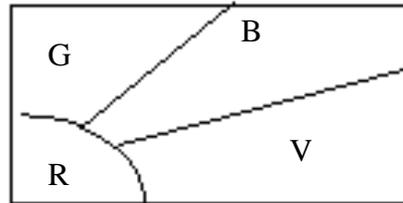
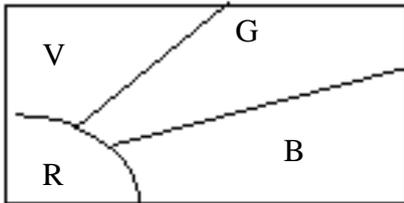
Se si sceglie il blu



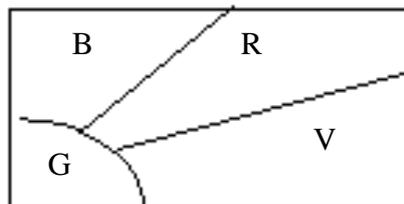
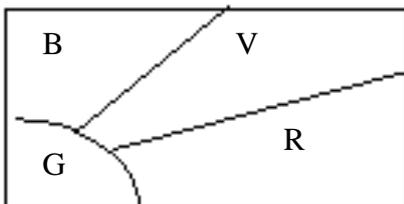
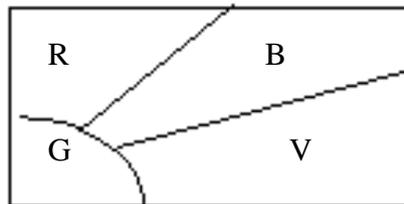
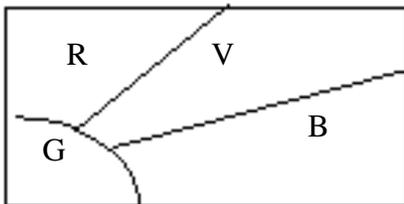
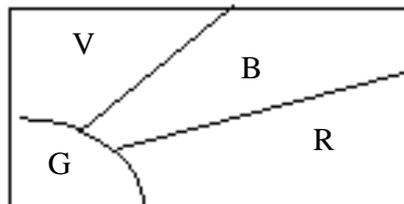
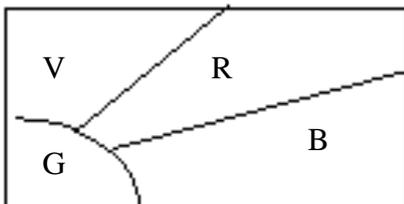
se si sceglie il verde



se si sceglie il rosso



se si sceglie il giallo



Quesito 6: Da Pippo



Il gatto è a 5 metri dal topo, quando arriva ad 1 metro gli salterà addosso. Il gatto deve avanzare di 4 m (400 cm) prima di saltare; esso avanza di 5 cm al secondo e lo fa per 80 s (1 minuto e 20 secondi)

$400/5 = 80$

prima di poter saltare e raggiungere il topo.

