MENTAL MATHS

1. The length of a figure is its Perimeter
2. The amount of surface a figure covers is its $\qquad$ area
3. To find the length of border required for a pillow cover we need to know its $\qquad$ perimeter (area / perimeter).
4. The perimeter of a field is 400 m . How much distance is covered by Vijay if he takes two rounds of the field? $\qquad$
5. What is the area of a figure that covers 7 unit squares? $7 s q$ croats
6. A man runs around a circle. What is the distance run by the man? It is the Perimeter (area /perimeter) of the circle.
7. A triangle has a perimeter of 50 cm . If the sum of two sides is 30 cm , what is the length of the third side? 20 cm
$\qquad$
8. Which is more - the area of your Maths book or the area of your Maths notebook? $\qquad$

Exereix - 10.3
A. calcubte the arien of these shapes in square units. The side of each square is lomy

1. Given triangle coverss

Numben of forl squares $=3$
Numben of halt squares $=3$
Sot the area of the sriangle $=\left(3 \times 1+3 \times \frac{1}{2}\right)$ squnits

$$
=\left(3+\frac{3}{2}\right) \text { squnits }
$$

$=\left(3+1 \frac{1}{2}\right)$ squnits
$=4 \frac{1}{2}$ squaits.
Ans. The required area is $4 \frac{1}{2} s a$ units.
2. Given figure covers

Number of full squares $=13$
assinds Numben of holl squanes $=7$

$$
\begin{aligned}
& \text { Area of the figcene }=\left(13 \times 1+7 \times \frac{1}{2}\right) \text { squnits } \\
& =\left(13+\frac{7}{2}\right) \text { squnits } \\
& -\left(13+3 \frac{3}{2}\right) s q \text { units } \\
& 2014 \text { W T F S S M T W T F S S M T W T F S S N T W T F S S M T W T F } \\
& =16 \frac{1}{2} \text { squ umits. } \\
& =162 \text { squants. }
\end{aligned}
$$



Ams. The requiral arlea is $16 \frac{1}{2}$ sq unezs.
(3) Given figeere covers

Numben of tull swares $=4$
Numben of balb squares $=8$
So. the arcea of the figeene $=\left(4 \times 1+8 \times \frac{1}{2}\right)$ soy uny

$$
\begin{aligned}
& =\left(4+\frac{8}{2}\right) \text { squnits } \\
& =(4+4) \text { sq urets }
\end{aligned}
$$

$$
=8 \text { sq units. }
$$

2014 Aos. The requined anea is 8 squinflew
(1) like this complete A in youre copy

$$
\begin{array}{llllllllllllllllllllllll}
\hline \text { S } & S & M & T & \text { W T F F S S M M W T F } \\
1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 10 & 20 & 14 & 20 & 92 & 91
\end{array}
$$

